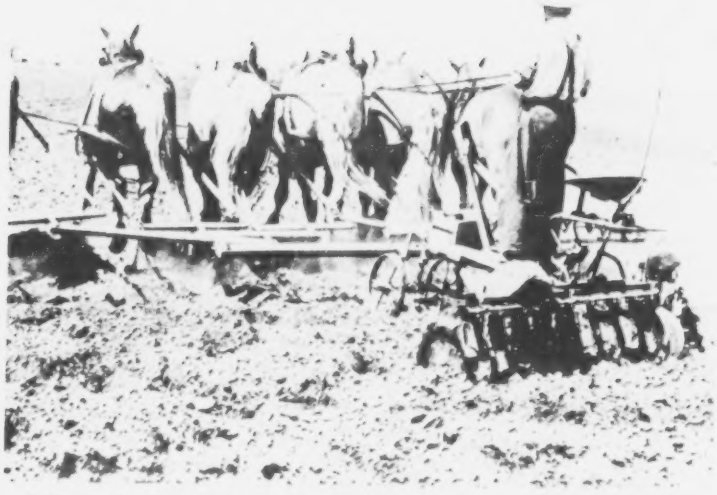
KENTUCKY
AGRICULTURAL

AGRICULTURE – THEN AND NOW



A Kentucky farmer discing his field around the turn of the century.

A Kentucky farmer doing the same job in a fraction of the time in the 1970's.

Times have changed for Kentucky agriculture. Since records have been kept, they paint a picture of a long upward spiral of increased productivity and efficiency. Fewer farmers are producing more and better quality food and fibers. Except for hobby farms, the age of specialization has all but pushed out of the picture the once typical diversified farm of past generations.

But looking back is worthwhile occasionally, if for no other reason than that it helps us focus on our important goals when we again turn our attention to the future. To put the change we have experienced in historical perspective, consider some information from the 1910 Census of Agriculture.

The average size farm in that year was 85.6 acres, much of it unimproved woodland. The value of the average farm in the state was $2,986 — including buildings and equipment. Today, one acre of good farm land would sell for nearly that amount. The various values in 1910 were broken out as follows: land and buildings, $2,452; implements and machinery, $80; domestic animals, poultry and bees, $453.

In those days, corn was planted on more than twice as many acres as today, but production was less than it is today. Soybeans were not even listed as one of the crops grown in the state.

In 1910 over 80 percent of the farms in the state were mortgage free. Today, most farms are financed and many even borrow short-run operating capital to buy the year to year inputs such as seed, pesticides, and fertilizer.

Yes, times have changed in Kentucky farming. The primary remnants of the rigorous rural lifestyle of the past are the stories told by grandparents. Today farming is an efficient, progressive business venture, and one we all depend on for life's most basic necessities.

STATISTICAL REPORTS PROGRAM

In addition to this Annual Bulletin the Kentucky Crop and Livestock Reporting Service publishes timely estimates on crop and livestock production, prices, and various other special reports. A list of the more important reports and the approximate date of release is shown in the table below. These reports may be obtained without charge from the Kentucky Crop and Livestock Reporting Service, P.O. Box 1120, Louisville, Kentucky 40201.

PHONE: (502) 582-5293

TYPE OF REPORT	FREQUENCY OF REPORT	APPROXIMATE DATE AVAILABLE IN LOUISVILLE
I. *CROP REPORTS*		
1. Intentions to Plant	Semi-Annually	Jan. 20 & Apr. 15
2. Production of Field Crops, Fruits & Vegetables	Monthly (In Season)	10 - 12th
3. Crop Production, Disposition & Value	Annually	April 12
4. Grain Stocks	Quarterly	25th Jan., Apr., June, Oct.
5. Annual Crop Summary	Annually	January 16
6. Seed Crops	Seasonally	Annual January 15
7. Crop Values	Annually	January 20
II. *LIVESTOCK REPORTS*		
1. Cattle Inventory and Calf Crop	Semi-Annually	Jan. 30, July 30
2. Pig Crop & Hog Inventory	Quarterly	23rd Mar., June, Sept., Dec.
3. Sheep Inventory & Lamb Crop	Annually	January 30
4. Commercial Slaughter	Monthly	30th
5. Meat Animals - Farm Production, Disposition & Income	Annually	April 5
III. *DAIRY REPORTS*		
1. Cows Milked & Milk Production	Monthly	15th
2. Milk Production & Disposition	Annually	May 5
IV. *POULTRY REPORTS*		
1. Poultry Inventory, Dec. 1	Annually	January 30
2. Egg Production	Monthly	20th
3. Hatchery Production	Monthly	20th
V. *PRICE REPORTS*		
1. Prices Received by Farmers	Monthly	1st
2. Prices Paid by Farmers for Feed	Monthly	1st
VI. *MISCELLANEOUS REPORTS*		
1. Farm Income & Cash Receipts	Semi-Annually	March & September
2. Number Farms & Land in Farms	Annually	December 30
3. Farm Real Estate	Annually	August 1
4. Farm Real Estate Taxes	Annually	March
5. Farm Labor	Quarterly	28th Feb., May, Aug., Nov.
6. Honey & Bees	Annually	January 20
VII. *CROP-WEATHER (April - October)*	Weekly	Mondays, 3:00 P.M.
VIII. *COUNTY ESTIMATES (Major Commodities)*	Annually	March - June

KENTUCKY AGRICULTURAL STATISTICS

1978 - 1979 Annual

Published: September 1979

Prepared by:

KENTUCKY CROP AND LIVESTOCK REPORTING SERVICE

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THE COMMISSIONER SPEAKS

AN OPEN LETTER FROM THE KENTUCKY DEPARTMENT OF AGRICULTURE

The Kentucky Department of Agriculture and the Kentucky Crop and Livestock Reporting Service of USDA are pleased to jointly present the 1978-1979 edition of "Kentucky Agricultural Statistics". This publication provides state and county statistics for most major commodities, and some highlights in Kentucky agriculture during the past year are cited.

Accurate statistical recordings are essential to those of us serving agriculture. As your Commissioner, I have used statistical data in developing new markets, both domestic and foreign, in dealing with transportation and energy problems, and in my efforts to seek disaster assistance during our severe winters. Statistics are used every day in my office to plan, to make decisions, and to carry out many different programs.

We must depend on raw data from farmers, auction markets, elevators, seed cleaners, and many other civic minded individuals and businesses as a basis on which to build agricultural statistics. Without the cooperation of these people and without the help of volunteer reporters, who for years have been the backbone of the Reporting Service, it would be impossible to make reliable estimates or compile this publication.

I want to extend my thanks to each person who contributes to this valuable statistical program.

Sincerely,

Thomas O. Harris

Thomas O. Harris
Kentucky Commissioner of Agriculture

FOREWORD

This issue of the 1978-79 "Kentucky Agricultural Statistics" is prepared and published for the use of all individuals interested in Kentucky agriculture. The Division of Markets, under the leadership of Philip Smith, within the Kentucky Department of Agriculture, provides funds for this publication and other outputs from this office. By the two agencies within USDA and Kentucky Department of Agriculture cooperating we are able to provide maximum data at minimum cost.

In traveling around Kentucky I have had the opportunity to visit farmers and elevator and processor managers, attend agri-business meetings, and contact other agricultural leaders. At times such as these I am frequently asked questions about our work, the value of our reports, and the accuracy of our information. It is exceedingly important to you, the office staff and me that we provide a worthwhile service to the Number 1 industry in our State and Nation -- Agriculture. The purpose of the Kentucky Crop and Livestock Reporting Service is simply to collect data and provide statistics at a state and local level to everyone involved in agriculture.

Farmers are the biggest gamblers in the world as they gamble on weather, supply, demand, and probably the most variable of all, price. The stakes are high as one wrong decision can make or break a farmer's profit for a year, and in extreme cases can force him out of business. It stands to reason that a farmer needs to base his decisions on sound, reliable information. A quick retort by uninformed individuals may say they can use their farm magazine, local economists, farm broadcaster, or some other information source. However, the basis for nearly all anaylsis comes from data collected and summarized by the Crop and Livestock Reporting Service. Our first committment is to Kentucky farmers but agri-business and producers must work hand in hand because the producer must have a market and the businessman must have a product.

Prices react to supply and demand. This is one of the oldest basic economic theories but is as true today as centuries ago. Modern transportation has made the world smaller, so we must be informed of the International picture as well as local information. A vivid example of reduced supply causing increased price is currently evident in the cattle market. Our agency wants no credit for the high cattle prices even though prices moved up sharply after the January 1 inventory report officially revealed the sharp drop in numbers from a few years earlier. In contrast, there is some pressure on hog prices because of an increased supply. Efficient hog farmers have had a number of prosperous years with relatively good prices and reasonable feed grain prices, but 1979 is bringing considerable expansion in hog inventories.

The Kentucky Crop and Livestock Reporting Service prides itself in providing the most accurate agricultural data with the funds that are available. Estimates are always objective and credit should be given to the technical and clerical staff for their conscientious efforts. Most of all I would like to thank farmers and others who supply the basic input used in preparing agricultural statistics. Somewhere in excess of 30,000 reporters are contacted each year and overall cooperation is excellent. Farmers and agri-business voluntary cooperation continues good in Kentucky even in the face of the general anti-government atmosphere that has swept America.

Dave Williamson

DAVID D. WILLIAMSON,
Agr'l Statistician in Charge

CROP HIGHLIGHTS

The total area of principal crops (field crops plus hay) harvested in Kentucky during 1978 totaled 5,053,000 acres, down 1 percent from 1977. This was still the second largest total since 1949. Most of the decline from 1977 was from wheat and corn acreage reductions. Soybeans, all hay and fescue seed showed substantial increases in harvested acres.

Burley tobacco production in Kentucky totaled 414.8 million pounds in 1978, down slightly from the 415.4 million pounds produced in 1977. Harvested acreage at 173,000 acres was 3,000 acres below 1977, but yield at 2,475 pounds per acre was up 115 pounds. Barren was the major producing county, followed by Fayette, Bourbon, and Shelby, respectively.

The 1978 burley crop got off to a slow start due to the late spring. By the first of April only one-fourth of the beds had been seeded compared with the 5-year average of two-thirds complete. Plants had emerged in only 15 percent of the beds by the middle of April compared with the 5-year average of 50 percent. Plant growth continued to lag due to the cool weather and stands were thin in many beds. The middle of May found plants the smallest on record for that time, only 40 percent of the plants were the size of a quarter or larger. By the end of May, setting of plants had just begun. On the average the crop is usually over one-third set by that time. The crop was three-fourths set by the middle of June, a week to 10 days later than usual. Damage by cutworms was a major concern at that time.

Except for drought-stricken Western Kentucky, July and August were mostly favorable for good growth, but budworms and hornworms were particularly troublesome on tender growing plants. Later as plants matured grasshoppers became more of a problem than usual.

Cutting started about the middle of August and was about three-fourths complete by September 22, 10 days to 2 weeks behind the 5-year average. Plant growth was large and leaves thin, indicating prospects of a good quality crop in the major producing areas of North Central Kentucky.

Mostly dry conditions during September and October were ideal for housing and curing. Houseburn was reported as only moderate due to the favorable curing conditions. However, stripping lagged as moist weather was needed; and offerings were short when the market opened on November 20. With a strong demand and good quality, record prices were recorded.

With increased moisture the middle of November, stripping progressed rapidly. By the middle of February, marketing was near 95 percent complete. With marketing over, most growers were well pleased with a crop that started off very slowly.

The 1978 Kentucky dark tobacco crop started off slowly under drought conditions in Western Kentucky. The crop responded well to late summer rains and resulted in one of the heaviest crops in recent years. However, production exceeded demand and growers suffered through a marketing year of depressed prices. A substantial portion of the 1978 crop was placed under loan.

Type 22 fire-cured production totaled 13,230,000 pounds in 1978, up 13 percent from 1977. Harvested acreage at 6,750 acres was 150 acres above 1977 and yield at 1,960 pounds per acre was up 190 pounds. This is the highest yield on record.

Production of Type 23 fire-cured tobacco climbed to 9,699,000 pounds, 20 percent above 1977. Yield at 1,830

pounds per acre was 150 pounds above 1977, while harvested acreage at 5,300 acres was up 10 percent.

Kentucky Type 35 One Sucker tobacco production totaled 12.6 million pounds, up 13 percent from 1977. A record yield of 2,000 pounds was harvested from 6,300 acres. Yield was up 175 pounds and acreage was up 200 acres from 1977.

Type 36 Green River tobacco production for 1978 totaled 5,954,000 pounds, up 3 percent from 1977. Yield increased 110 pounds to 1,890 pounds per acre, while acreage declined 3 percent to 3,150 acres compared with 1977. Green River tobacco is grown only in Kentucky.

Corn production in Kentucky totaled 119,850,000 bushels for 1978, down 9 percent from 1977 and 14 percent below the record crop of 1976. Yield at 85 bushels per acre was 5 bushels below 1977, while acreage harvested for grain at 1,410,000 acres was down 4 percent.

Union County maintained its position as the leading corn producing county. Henderson County was a close second, followed by Daviess, Webster, Logan and Simpson counties, respectively.

The Spring of 1978 was cool and wet which delayed corn planting. The cool weather slowed germination and some fields had to be replanted. By the middle of May only one-third of the acreage had been planted, slightly better than one-half the normal planting pace. The 36 percent planted by May 20 was a record low for that time. As planting extended into June, some intended corn acreage was switched to soybeans.

Corn made good progress until soil moisture became short the first of July, especially in Western Kentucky. Soil moisture remained short in Western Kentucky until the end of August and yields were greatly reduced. Besides dry weather, the European corn borer infestation was particularly heavy across the State. Japanese beetles and army worms also caused considerable damage to late planted corn.

In Western Kentucky harvest began the first week in September and predictions of low yields were verified as some fields averaged as low as 9 bushels per acre. Elsewhere in Kentucky yield prospects looked good and some areas reported record yields.

Weather continued favorable for harvest and 90 percent of the State's corn had been harvested by the second week in November, ahead of normal after a very late start in the spring.

With the prices appearing favorable the first of 1978, Kentucky farmers planted a record soybean crop of 1,450,000 acres. The record production of 42.3 million bushels was 3 percent above the previous record of 40.9 million bushels for 1977. Yield at 30.0 bushels per acre was second only to the 1977 record yield of 31.0 bushels. Acreage harvested for beans at 1,410,000 acres was 7 percent above the record 1,320,000 acres harvested in 1977.

Christian County remained the leading soybean producing county followed by Logan, Daviess, Graves and Henderson counties, respectively.

Planting of the 1978 soybean crop got off to a slow start with only about 5 percent planted by the third week of May. Planting progressed rapidly during June and 72 percent of the crop had been planted by June 16, slightly ahead of normal. Dry conditions caused thin stands in many late planted beans, especially in Western Kentucky.

Because of the late development of small grains, planting of double-crop beans was later than normal. The average date of double-crop beans was June 29, and the latest report was July 25.

Prospects for yield were dimmed by dry weather in Western counties during July and most of August. Elsewhere in the State, conditions were mostly favorable for development of beans, and the outlook for yield was mostly good. Rains late in August brought relief to

drought stricken fields in Western areas and beans responded better than anticipated.

Harvest began about the middle of September in the West end of the State and progressed rapidly under near ideal conditions. By November 3, 80 percent of the crop had been harvested, a record for that date. With harvest nearly over by the middle of November, yields turned out better than earlier expected. In West Central Kentucky yields between 50 and 60 bushels per acre were recorded.

Kentucky farmers harvested a record 3,162,000 tons of hay during 1978, 2 percent above the 1977 record of 3,093,000 tons. Early cuttings were good statewide, but late cuttings in Western Kentucky were reduced by dry weather.

Production of alfalfa hay declined to 624,000 tons, 3 percent below 1977. Acreage at 208,000 acres was the same as 1977, but yield slipped to 3.0 tons per acre compared with 3.1 tons in 1977. Weevil infestation was particularly heavy during the wet spring that prevented spraying. Shelby County was the leading producer of alfalfa, followed by Hart and Barren, respectively.

All other hay production totaled 2,538,000 tons, 4 percent above 1977. Compared with 1977, acreage was up 4 percent at 1,410,000 acres, and yield was unchanged at 1.8 tons per acre. Warren County was the leading producer followed by Barren, Adair, Shelby and Washington, respectively.

Wheat production in Kentucky fell to 6,825,000 bushels in 1978, down 33 percent from 1977. Production was reduced by the wet fall of 1977 that prevented planting, followed by the severe winter of 1977-78 which caused considerable winter kill. Acreage planted at 280,000 acres was 100,000 acres below 1977. Acreage harvested for grain at 195,000 acres was down 29 percent, while yield at 35.0 bushels per acre was 2 bushels below 1977. Christian County remained the leading wheat producer followed by Simpson and Logan counties, respectively.

Production of barley in Kentucky fell to 989,000 bushels, 14 percent below 1977. Yield at 43 bushels was 3 bushels below 1977, while planted acreage at 37,000 acres and harvested acreage at 23,000 acres were both down 2,000 acres from 1977. Logan, Simpson, Christian and Todd counties are the major barley producing counties.

Grain sorghum production in Kentucky totaled 1,426,000 bushels in 1978 compared with 1,824,000 bushels in 1977. Yield at 62 bushels per acre was up 5 bushels, but acreage harvested for grain fell to 23,000 acres compared with 32,000 for 1977. Planted acreage was down to 36,000 acres compared with 45,000 acres for 1977. The western counties of Ballard, Carlisle, and Mc Cracken are the major producers of grain sorghum.

Production of oats in Kentucky totaled 294,000 bushels in 1978 compared with 315,000 bushels in 1977. Acreage harvested for grain at 7,000 acres was down 2,000 acres, but yield at 42 bushels was up 7 bushels. Acreage planted was unchanged at 36,000 acres.

Rye production in Kentucky totaled 108,000 bushels with a yield of 27 bushels per acre from 4,000 acres. Most rye is planted as a cover crop, and the 59,000 acres planted for 1978 were 3,000 acres above 1977.

Kentucky leads the Nation in production of white corn with 10.1 million bushels. Acreage harvested for grain at 126,000 acres was 13 percent above 1977, while yield at 80 bushels per acre was 5 bushels below 1977.

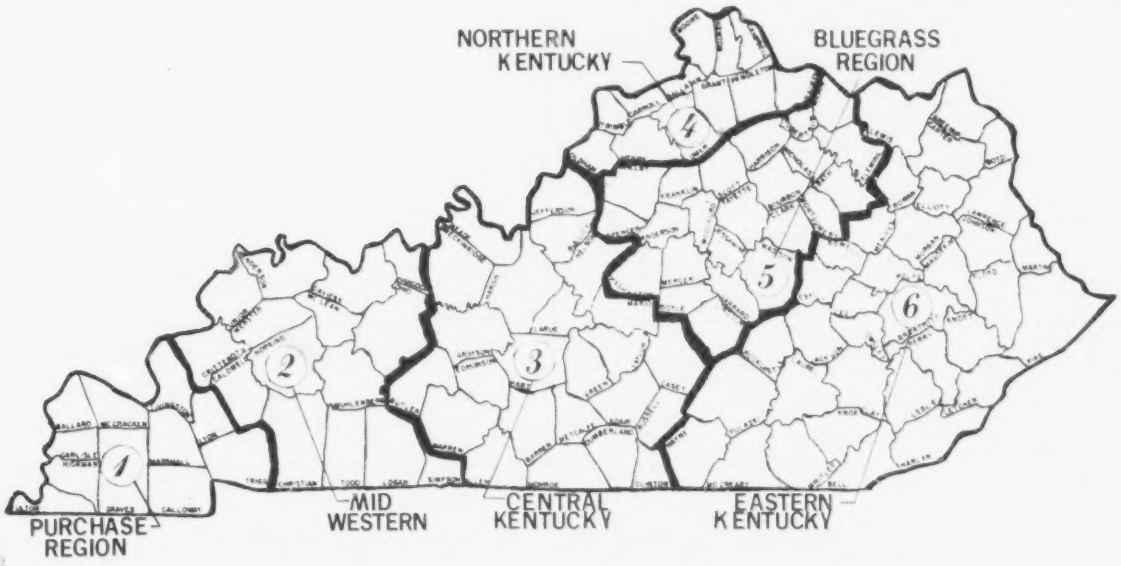
KENTUCKY ANNUAL CROP SUMMARY

1978 1/, WITH COMPARISONS

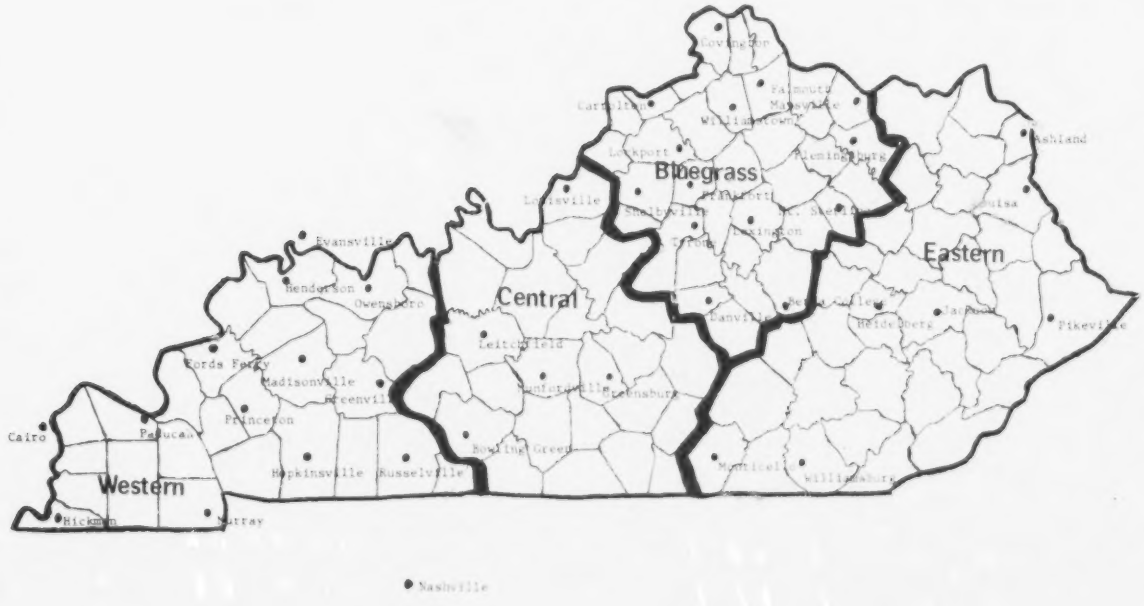
CROPS	UNITS	Acres Harvested		Yield Per Acre		Production		Value Per Unit		Value of Production	
		1977	1978	1977	1978	1977	1978	1977	1978	1977	1978
		(1,000 Acres)		(Units)		(1,000 Units)		(Dollars)		(1,000 Dollars)	
Corn, for Grain	Bu.	1,470	1,410	90.0	85.0	132,300	119,850	2.19	2.35	289,737	281,648
Corn, for Silage	Ton	155	140	15.5	15.5	2,403	2,170	--	--	---	---
White Corn 2/	Bu.	112	126	85.0	80.0	9,520	10,080	--	--	---	---
Tobacco:											
All	Lbs.	197	195	2,297	2,415	452,024	469,658	1.220	1.293	551,578	607,202
Burley	Lbs.	176	173	2,360	2,475	415,360	428,175	1.218	1.315	505,908	563,050
Type 22, Fired	Lbs.	6.6	6.8	1,770	1,960	11,682	13,230	1.338	1.110	15,631	14,685
Type 23, Fired	Lbs.	4.8	5.3	1,680	1,830	8,064	9,699	1.255	1.145	10,120	11,105
One Sucker	Lbs.	6.1	6.3	1,825	2,000	11,133	12,600	1.177	.980	13,104	12,348
Green River	Lbs.	3.3	3.2	1,780	1,890	5,785	5,954	1.178	1.010	6,815	6,014
Wheat	Bu.	274	195	37.0	35.0	10,138	6,825	2.10	3.15	21,290	21,499
Oats	Bu.	9	7	35.0	42.0	315	294	1.75	1.95	551	573
Barley	Bu.	25	23	46.0	43.0	1,150	989	1.50	1.65	1,725	1,632
Rye	Bu.	4	4	27.0	27.0	108	108	1.95	2.60	211	281
Soybeans, for Beans	Bu.	1,320	1,410	31.0	30.0	40,920	42,300	6.18	6.70	252,886	283,410
Sorghum, for Grain	Bu.	32	23	57.0	62.0	1,824	1,426	1.66	1.82	3,028	2,595
All Hay	Ton	1,568	1,618	1.97	1.95	3,093	3,162	47.00	49.00	145,371	154,938
Alfalfa Hay	Ton	208	208	3.10	3.00	645	624	--	--	---	---
All Other Hay	Ton	1,360	1,410	1.80	1.80	2,448	2,538	--	--	---	---
Lespedeza Seed	Lbs.	4.0	3.1	180	230	720	713	.5900	.5500	425	392
Red Clover Seed	Lbs.	5.5	3.3	80	75	440	248	.7300	.6900	321	171
Orchardgrass Seed	Lbs.	.8	1.2	210	175	168	210	.3400	.3400	57	71
Tall Fescue Seed	Lbs.	21.0	42.0	190	270	3,990	11,340	.2750	.1650	1,097	1,871
Popcorn 3/	Lbs.	12.8	9.4	2,230	1,370	28,540	12,880	8.00	7.65	2,283	998
Cotton	Bales	.8	0	420	0	.7 4/	0	.490 5/	0	165	0
Vegetables, for Processing	Lbs.	2.8	2.3	---	---	21,800	15,200	--	--	1,352	1,012
Apples, Com'l	Lbs.	--	--	---	---	22,000	15,000	.107	.120	2,119	1,704
Peaches	Lbs.	--	--	---	---	100	11,000	.146	.200	15	2,200

1/ Preliminary. 2/ Included in Corn, for Grain. 3/ Shelled-corn basis. 4/ 480 pound net weight bales. 5/ Cents per pound.

KENTUCKY CROP REPORTING DISTRICTS



KENTUCKY CLIMATOLOGICAL DIVISIONS AND SELECTED WEATHER STATIONS



WEATHER CROP SUMMARY 1978

January snowfalls set a record for many areas in the State. Temperatures averaged well below normal for the month. Only during a few days of the first week were temperatures at normal or above. Record snowfall occurring at mid-month in addition to the blizzard condition on the 25th and 26th, placed a severe hardship on many farmers. The positive factor was that the snow did protect small grains and forage crops from extreme cold.

February was the coldest February on Weather Service records as temperatures averaged about 10 to 15 degrees below normal. Precipitation averaged only 1 to 1½ inches which made February one of the driest on record. Cold temperatures prevented snow melting. The snow and cold placed heavy demands on hay and other feed supplies and livestock losses were pushed above normal.

March temperatures through the first two weeks were 10 to 15 degrees below normal. The snow cover did finally melt as the first day of spring approached, but soil surfaces never did get a chance to dry and firm due to heavy rains late in March. Wet soils delayed almost all spring plowing operations.

April showers didn't arrive until late in the month and by that time soil moisture deficits were reported across half the state. Even though temperatures were near normal, some planting operations were delayed further due to heavy rains late in the month. Peach trees were damaged considerably by the savage winter, but apple trees suffered only light damage.

May was mostly wet and cool with temperatures below normal for the first three weeks before turning upward. Rain or showers throughout the month limited field work to three days or less for each week. This combined with a late spring warmup accounted for one of the latest crop years on record.

June weather was warmer and drier than normal. Temperatures averaged near normal during the first half of the month to above normal during the latter half. The weather for the eastern, central and southern sections of the State was quite favorable, but some spots reported soil moisture being short or surplus. The hot, dry condition in Western Kentucky put stress on crops, especially corn and pasture grasses.

July saw drought-like conditions continue in much of the western section of the State. Precipitation was spotty and some areas had as little as ½ inch of rain during the entire month, while other areas received 8 inches or more. In some western areas, soil moisture became extremely short. In certain areas surrounding the counties of Calloway, Marshall, Livingston and Trigg, less than 2 inches of rain fell since the second week of May. Crop prospects were gloomy in those drought-stricken areas as showers were too few and too late.

August precipitation resulted in mostly an adequate supply of moisture for all areas except Western Kentucky. Temperatures for the month were near normal. Corn harvest was underway in some western areas and yields were down drastically because of a deficit of soil moisture. Burley tobacco made heavy late season growth in the heavy producing Central, Bluegrass and Northern areas.

September was mostly warm and dry with temperatures reaching into the nineties. Precipitation was in the form of scattered showers and was well below normal Many areas received very little rain until about the end of the month. Conditions were favorable for cutting and housing of tobacco; but the extreme warm temperatures put stress on tobacco laborers and caused houseburn in tobacco.

October weather was a boon to corn and soybean harvest. Nearly all days were suitable for field operations. A cold front during the first week plummeted thermometers to 20 degrees below normal and brought the first frost to some areas of the State. The frost was late enough in the season that very little crop damage occurred.

November rainfall at mid-month brought fall field operations to a standstill, but was beneficial to burley stripping which was running well behind normal. The precipitation also relieved dry soil conditions in the extreme west and southeast. Fall seeded grains and pastures benefitted from the seasonal rains.

December precipitation was in the form of rain with Central Kentucky receiving up to 11 inches of rain during the second week. Serious flooding occurred along major rivers and the State Capitol, Frankfort, was closed down for a week due to the flooding of the Kentucky River. Most row crops had been harvested, but damage was done to large roll bales of hay. Minor livestock losses were reported but fences suffered extensive damage.

Rains in November and December caused serious flooding and much damage to farm property.

KENTUCKY CLIMATOLOGICAL DATA 1978

Division and Month	TEMPERATURE IN DEGREES 2/				PRECIPITATION IN INCHES 2/		
	Average	Departure from Normal	Highest	Lowest	Average	Departure from Normal	Greatest in 24 Hours
WESTERN							
January	24.0	-11.7	64	-7	5.59	1.36	3.41
February	24.9	-13.7	52	-4	1.35	-2.46	.63
March	42.9	-3.7	84	-3	4.29	-.80	1.91
April	60.1	1.6	88	29	3.73	-.50	3.40
May	65.8	-1.1	95	33	4.83	.40	2.05
June	75.9	.9	102	48	2.08	-1.87	2.25
July	79.7	1.7	103	57	3.85	.06	3.07
August	77.4	.5	103	53	4.78	1.45	4.89
September	73.5	3.4	96	44	1.69	-1.50	2.34
October	56.3	-3.2	86	28	2.59	.01	1.62
November	50.8	3.7	80	26	7.08	3.23	2.96
December	39.4	1.4	68	12	10.80	6.90	4.94
CENTRAL							
January	23.2	-11.7	65	-9	6.75	2.59	3.91
February	24.2	-13.3	54	-9	1.13	-2.76	.56
March	42.0	-3.6	85	-5	3.75	-1.33	1.54
April	58.1	.9	90	29	2.74	-1.45	1.41
May	63.1	-2.7	92	30	5.80	1.45	2.56
June	74.0	.3	99	46	3.48	-.94	2.38
July	77.3	.6	99	52	5.27	.88	3.47
August	75.9	.3	98	52	6.46	3.01	4.68
September	72.2	2.9	97	40	1.54	1.50	1.48
October	54.9	-3.6	84	28	3.15	.68	1.60
November	50.1	4.0	78	22	5.20	1.46	2.27
December	39.0	1.8	68	11	12.65	8.73	5.19
BLUEGRASS							
January	21.9	-11.6	61	-11	5.59	1.80	2.11
February	21.6	-14.2	47	-11	.68	-2.72	.63
March	39.5	-4.5	81	-4	3.66	-1.08	1.94
April	55.8	.3	86	24	3.03	-.94	2.10
May	60.9	-3.5	92	28	5.86	1.75	2.15
June	72.2	-.3	96	43	3.23	-.96	2.18
July	75.3	-.4	96	50	6.99	2.33	5.55
August	74.1	-.5	94	50	6.50	3.07	3.59
September	70.8	2.4	94	40	1.29	-1.66	1.75
October	53.8	-3.9	81	25	3.80	1.58	1.95
November	48.6	3.5	78	23	3.77	.38	1.63
December	37.4	1.6	67	8	9.60	6.25	6.00
EASTERN							
January	24.1	-11.6	64	-14	5.55	1.53	2.06
February	24.9	-12.9	55	-12	1.28	-2.58	.62
March	42.8	-2.6	85	-5	3.86	-.81	1.28
April	56.5	.0	89	26	3.16	-.73	2.98
May	61.9	-3.0	92	27	6.01	2.08	2.93
June	71.4	-.9	99	40	2.79	-1.40	1.65
July	75.0	-.4	98	48	5.47	.50	2.83
August	74.9	.7	96	50	5.91	2.23	2.89
September	71.2	3.0	96	37	.99	-2.14	1.52
October	54.1	-3.3	85	25	2.14	.26	1.27
November	49.9	4.2	80	24	3.55	.10	1.53
December	38.1	.8	72	10	10.33	6.56	5.52
STATE ANNUAL 3/	54.7	-1.6	103	-14	53.91	7.97	6.00

1/ Data furnished by National Weather Service. 2/ All measurements are pluses unless otherwise indicated.
2/ Derived from four Climatological Divisions.

PRECIPITATION DURING CROP GROWING SEASON

MONTHLY TOTALS, 1978 AND 30-YEAR AVERAGE, SELECTED WEATHER STATIONS BY CROP REPORTING DISTRICTS*

KENTUCKY RAINFALL DATA - 1978

Station and Crop Reporting District	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		SEASON	
	Avg.	1978	Avg.	1978	Avg.	1978	Avg.	1978	Avg.	1978	Avg.	1978	Avg.	1978
	- - - - - - - - - - Inches - - - - - - - - - -													
DISTRICT 1														
Cairo, Illinois	4.07	3.23	4.39	4.17	4.13	2.03	3.19	4.99	3.10	11.62	3.01	.52	21.89	26.56
Hickman	4.23	3.85	5.46	6.00	3.41	3.69	3.13	3.42	2.51	5.95	2.45	1.57	21.19	24.48
Murray	4.12	3.71	4.18	4.34	3.50	1.74	3.93	1.30	3.25	8.06	3.09	1.41	22.07	20.56
Paducah, FAA	4.26	3.52	4.40	3.20	3.78	1.14	3.48	5.53	3.32	5.03	3.12	3.53	22.36	21.95
AVERAGE	4.17	3.58	4.61	4.43	3.71	2.15	3.43	3.81	3.05	7.67	2.92	1.76	21.88	23.39
DISTRICT 2														
Evansville, Ind.	3.98	3.49	4.19	3.93	3.74	.84	3.32	7 66	3.07	3.64	2.87	2.72	21.17	22.28
Fords Ferry, D-50	4.08	3.43	3.78	2.75	3.55	1.21	3.16	3.38	3.30	3.72	3.03	2.77	20.90	17.26
Henderson	4.49	3.51	4.23	2.57	3.79	1.59	3.40	5.32	3.40	3.37	2.98	2.89	22.29	19.25
Hopkinsville	4.08	2.97	4.21	5.57	4.11	2.47	3.93	3.40	3.43	4.61	3.00	.25	22.76	19.27
Madisonville	4.11	4.66	4.11	4.05	3.91	.85	4.14	4.19	3.62	5.86	2.92	.88	22.81	20.49
Nashville, Tenn.	3.74	2.42	3.72	8.03	3.25	1.46	3.72	4.03	2.86	3.81	2.87	1.37	20.16	21.12
Princeton	4.08	3.80	3.97	4.82	3.81	1.21	3.45	2.19	3.33	4.23	2.89	1.03	21.53	17.28
Russellville	4.04	1.56	3.76	6.42	3.90	2.30	4.31	4.88	3.45	4.70	3.41	2.74	22.87	22.60
AVERAGE	4.08	3.23	4.00	4.77	3.76	1.49	3.68	4.38	3.31	4.24	3.00	1.83	21.79	19.94
DISTRICT 3														
Bowling Green	4.06	1.97	3.77	5.83	4.16	4.26	4.19	5.07	3.60	3.64	3.07	1.65	22.85	22.42
Munfordville	4.25	2.04	4.32	5.08	4.33	2.60	4.86	3.47	4.01	6.01	3.36	.75	25.13	19.95
Greensburg	3.87	2.09	4.28	7.77	4.83	1.28	4.47	3.53	3.86	8.79	3.18	1.04	24.49	24.50
Leitchfield	4.18	3.73	4.12	5.87	4.50	5.92	4.11	7.85	3.38	5.26	2.97	1.34	23.26	29.97
Louisville WSOAP	3.82	3.33	3.90	4.76	3.99	2.67	3.36	3.77	2.97	5.50	2.63	.96	20.67	20.99
AVERAGE	4.04	2.63	4.08	5.86	4.36	3.35	4.20	4.74	3.56	5.84	3.04	1.15	23.28	23.57
DISTRICT 4														
Carrollton, L-1	3.58	2.31	3.50	5.19	4.14	2.90	3.60	5.01	3.47	5.75	2.83	1.38	21.12	22.54
Covington	3.22	2.28	3.59	5.30	3.89	6.63	3.61	6.86	2.60	4.41	2.83	.43	19.74	25.91
Falmouth	3.94	2.60	3.88	4.99	4.43	3.62	4.26	5.42	3.01	3.98	2.91	.64	22.43	21.25
Lockport, L-2	4.30	3.24	4.02	5.25	4.47	2.39	4.02	6.83	3.27	9.39	3.00	.59	23.08	27.69
Williamstown	4.00	2.52	3.96	4.84	4.25	2.44	4.02	7.24	3.23	4.27	3.11	1.65	22.57	22.96
AVERAGE	3.81	2.59	3.79	5.11	4.24	3.60	3.90	6.27	3.12	5.56	2.94	.94	21.80	24.07
DISTRICT 5														
Berea College	4.08	4.25	3.79	7.42	4.84	3.06	5.16	3.74	4.12	6.63	2.82	1.12	24.81	26.22
Danville	3.98	4.11	3.96	8.30	4.69	3.00	4.61	9.79	3.94	6.90	3.07	1.30	24.25	33.40
Frankfort, L-4	4.02	3.14	3.93	6.33	4.07	3.05	4.50	7.54	3.44	6.25	2.71	.80	22.67	27.11
Lexington	4.04	3.15	3.85	5.74	4.72	1.94	3.98	7.60	3.21	10.00	2.80	3.10	22.60	31.53
Maysville	3.78	3.13	3.70	4.63	4.18	4.04	4.47	6.67	4.04	5.43	3.12	.30	23.29	24.20
Mt. Sterling	4.14	2.13	3.97	7.03	4.53	3.52	5.13	6.58	3.55	8.69	2.98	1.64	24.30	29.59
Tyrone, L-5	4.10	4.04	3.64	6.66	4.21	2.73	4.18	7.70	3.79	7.13	3.02	.66	22.94	28.92
AVERAGE	4.02	3.42	3.83	6.59	4.46	3.05	4.58	7.09	3.73	7.29	2.93	1.27	23.55	28.71
DISTRICT 6														
Ashland, D-29	3.39	2.23	3.95	4.08	3.86	2.53	4.04	4.62	3.32	6.79	2.81	.57	21.37	21.82
Heidelburg, L-14	3.67	3.19	3.69	6.03	4.39	1.94	5.14	3.86	4.01	6.70	2.78	1.70	23.68	23.42
Jackson	3.75	3.18	3.71	6.48	4.29	1.99	4.69	5.99	3.81	4.89	2.81	.18	23.06	22.71
Louisa	3.39	3.23	4.02	5.47	3.70	2.32	4.49	4.87	3.50	4.54	2.87	.73	21.97	21.16
Monticello	3.78	2.08	3.61	6.71	4.49	3.77	4.34	4.02	3.38	5.33	2.94	1.61	22.54	23.52
Pikeville	3.65	4.34	4.01	4.66	4.40	1.88	5.19	6.56	3.95	6.38	3.04	2.03	24.24	25.85
Williamsburg	3.94	3.11	4.03	7.43	3.92	3.03	4.90	5.03	3.77	5.58	2.69	2.23	23.25	26.41
AVERAGE	3.63	3.19	3.86	5.84	4.15	2.49	4.68	4.99	3.68	5.74	2.85	1.29	22.87	23.56
STATE AVERAGE (Computed)	3.96	3.11	4.03	5.43	4.11	2.69	4.08	5.21	3.41	6.06	2.95	1.37	22.57	23.87

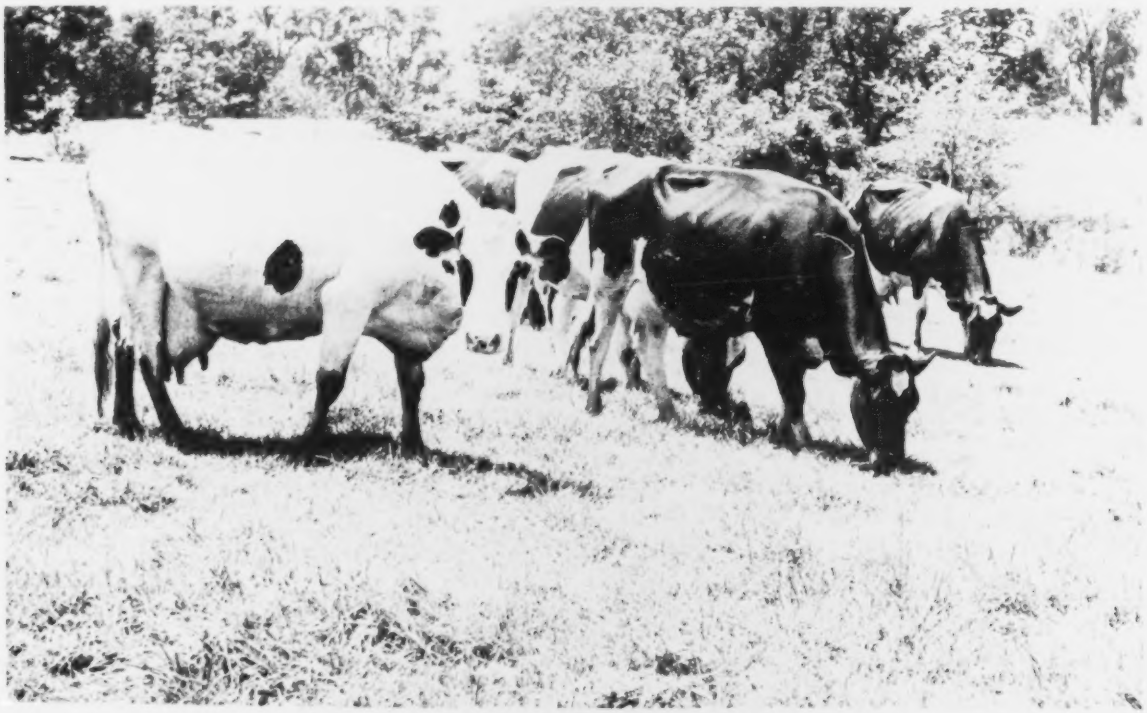
* Individual station averages are for 1941 - 1970. District and State averages are computed.

KENTUCKY
MONTHLY PASTURE FEED CONDITIONS
1963 - 1978

YEAR	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.
					(Percentage)				
1963	79	72	78	87	88	88	78	44	
1964	74	88	83	79	73	63	57	60	
1965	72	90	90	83	86	68	89	88	
1966	82	84	93	79	65	84	90	87	
1967	84	92	92	91	93	93	85	86	
1968	75	93	96	94	85	89	89	86	
1969	78	89	95	94	92	87	86	80	
1970	79	91	95	93	84	88	87	91	
1971	78	80	90	93	94	94	95	94	
1972	86	92	92	81	84	89	77	91	82
1973	93	96	97	97	96	91	79	81	86
1974	90	81	92	94	86	92	96	91	89
1975	84	87	96	93	72	78	86	91	90
1976	89	84	74	89	87	83	79	86	75
1977	74	89	81	77	80	92	91	90	90
1978	67	83	88	91	83	89	86	84	83

1/ The following numeric ratings are used to describe pasture feed conditions: 80 and over good to excellent; 65 - 79 poor to fair; 50 - 64 very poor; 35 - 49 severe drought; under 35 extreme drought.

2/ Data not available for blank periods.



Value of dairy cows has increased sharply in Kentucky.

STOCKS OF GRAIN BY QUARTERS 1977-1979

CROP and QUARTER	1977 1/			1978 1/			1979		
	ON FARMS	OFF FARMS 2/	TOTAL ALL POSITIONS	ON FARMS	OFF FARMS 2/	TOTAL ALL POSITIONS	ON FARMS	OFF FARMS 2/	TOTAL ALL POSITIONS
	(Thousand Bushels)			(Thousand Bushels)			(Thousand Bushels)		
CORN 3/									
January 1	88,781	18,788	107,569	79,380	17,115	96,495	77,903	16,926	94,829
April 1	41,616	14,646	56,262	42,336	12,425	54,761	43,146	11,090	54,236
June 1	31,906	8,782	40,688	23,814	10,357	34,171			
October 1	12,485	2,457	14,942	8,249	1,100	9,349			
WHEAT 4/									
January 1	2,251	2,478	4,729	1,419	2,838	4,257	478	1,392	1,870
April 1	1,535	1,749	3,284	710	1,575	2,285	205	576	781
June 1	1,023	855	1,878	304	632	936			
October 1	1,926	4,097	6,023	887	2,088	2,975			
OATS 4/									
January 1	105	917	1,022	104	*	*	109	137	246
April 1	88	*	*	57	239	296	65	119	184
June 1	28	79	107	32	71	103			
October 1	129	*	*	168	68	236			
BARLEY 4/									
January 1	213	106	319	242	183	425	237	108	345
April 1	128	104	232	138	128	266	148	87	235
June 1	68	100	168	69	85	154			
October 1	311	242	553	302	190	492			
RYE 4/									
January 1	12	205	217	11	284	295	13	267	280
April 1	3	80	83	5	49	54	6	96	102
June 1	2	80	82	1	49	50			
October 1	55	*	*	74	*	*			
SORGHUM GRAIN 3/									
January 1	870	149	1,019	1,094	35	1,129	941	71	1,012
April 1	348	20	368	420	67	487	399	78	477
June 1	174	27	201	292	27	319			
October 1	52	6	58	164	13	177			
SOYBEANS 5/									
January 1	13,001	6,850	19,851	18,414	11,611	30,025	17,766	11,712	29,478
April 1	3,467	5,676	9,143	8,184	8,434	16,618	7,198	8,074	15,265
June 1	867	3,476	4,343	2,046	7,501	9,547			
September 1	433	1,133	1,566	409	1,720	2,129			

* Not published to avoid disclosing individual operations.

1/ Revised.

2/ Includes stocks at mills, elevators, warehouses, terminals and processors.

3/ Marketing year runs from October 1 to September 30.

4/ Marketing year runs from June 1 to May 31.

5/ Marketing year runs from September 1 to August 31.

KENTUCKY SEED CROPS SUMMARY

Kentucky's production of Lespedeza seed further declined in 1978 with final production of 713,000 pounds. This was only one percent below last year's total. Production had dropped 50 percent from 1976 to 1977. The 1978 yield per acre jumped significantly but harvested acres dropped to 3,100 compared with 4,000 in 1977.

Tall Fescue production increased sharply in 1978. Production totaled 11.3 million pounds, almost three times the 1977 production. Yield increased tremendously, up 80 pounds per acre to 270 pounds per acre; while harvested acres doubled to 42,000 acres.

Production of Red Clover seed in Kentucky continued to decrease. The 1978 production of 248,000 pounds was 44 percent lower than 1977. Yield at 75 pounds per acre was 5 pounds below 1977; and harvested acres declined to 3,300 acres, 40 percent below 1977.

Orchardgrass seed production in Kentucky rebounded in 1978, reversing a 6-year decline. Production at 210,000 pounds was 25 percent higher than the 1977 record low production. Yield decreased 35 pounds per acre to 175; but harvested acres increased to 1,200, up from 800 in 1977.

KENTUCKY SEED CROPS SUMMARY

Kind of Seed	Acreage Harvested		Yield per Acre		Production Clean Seed		Season Avg Price per 100 pounds Rec'd by Farmers		Value of Production	
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978
	(Acres)		(Pounds)		(1,000 Pounds)		(Dollars)		($1,000)	
Red Clover	5,500	3,300	80	75	440	248	73.00	69.00	321	171
Lespedeza	3,500	3,100	180	230	630	713	59.00	55.00	372	392
Orchardgrass	800	1,200	210	175	168	210	34.00	34.00	57	71
Tall Fescue	21,000	42,000	190	270	3,990	11,340	27.50	16.50	1,097	1,871

KENTUCKY POPCORN

1940 - 1978

Year	Planted	Harvested	Yield Per Acre 1/	Production 1/	Season Avg Price Per 100 Pounds 1/	Value
	(Acres)	(Acres)	(Pounds)	(000 Pounds)	(Dollars)	(000 Dollars)
1940	900	900	800	720	2.00	14
1945	14,400	14,400	1,400	20,160	3.60	726
1950	11,600	11,300	1,490	16,837	3.40	572
1955	13,200	13,000	1,300	16,900	3.05	515
1960	20,000	19,000	1,800	34,200	2.80	958
1965	22,300	22,000	2,200	48,400	3.30	1,597
1970	10,000	8,500	1,725	14,663	2.90	425
1971	10,900	10,600	2,820	29,892	3.50	1,046
1972	9,400	8,200	2,815	23,083	3.45	796
1973	6,700	6,500	2,400	15,600	5.50	652
1974	13,200	13,000	2,700	35,100	10.10	2,659
1975	21,200	20,900	2,000	41,800	9.10	3,804
1976	20,500	19,900	2,730	54,327	8.50	4,618
1977	13,200	12,800	2,230	28,540	8.00	2,283
1978	9,700	9,400	1,370	12,880	7.75	998

1/ Ear corn basis prior to 1973. Shelled corn basis beginning 1973.

FRUIT & V E FA

FRUIT & VEGETABLE FACTS

Kentucky's commercial peach crop for 1978 rebounded nicely from the frost devastated 1977 crop. Eleven million pounds of peaches were produced compared to only 100,000 the previous year. Price per pound of peaches also increased, sending the value of utilized production to 146 times the value of the 1977 crop.

Commercial apples in Kentucky for 1978 at 15,000,000 pounds, were down 32 percent from 1977's 22,000,000 pound production. Value per pound of apples rose from 10.7 to 12 cents, but the total value of utilized production dipped below last year's all time record figure. Delicious and Golden Delicious, Kentucky's two leading varieties, accounted for 51 percent of the State's total apple production.

Production of green peppers for fresh market and processing declined in 1978. Planted and harvested acres as well as yield per acre dropped from 1977 levels. Even with a jump in the value per cwt., the total value of production for Kentucky's green pepper crop dropped about $488,000. Green pepper estimates combine fresh market and processing figures, but fully 86 percent were produced for processing purposes.

This is the first year for which figures have been published on the State's snap bean production. Kentucky's snap bean output for processing was 1,850 tons from 1,200 harvested acres for an average yield per acre of 1½ tons.

VEGETABLE PRODUCTION AND VALUE

SNAP BEANS FOR PROCESSING 1/

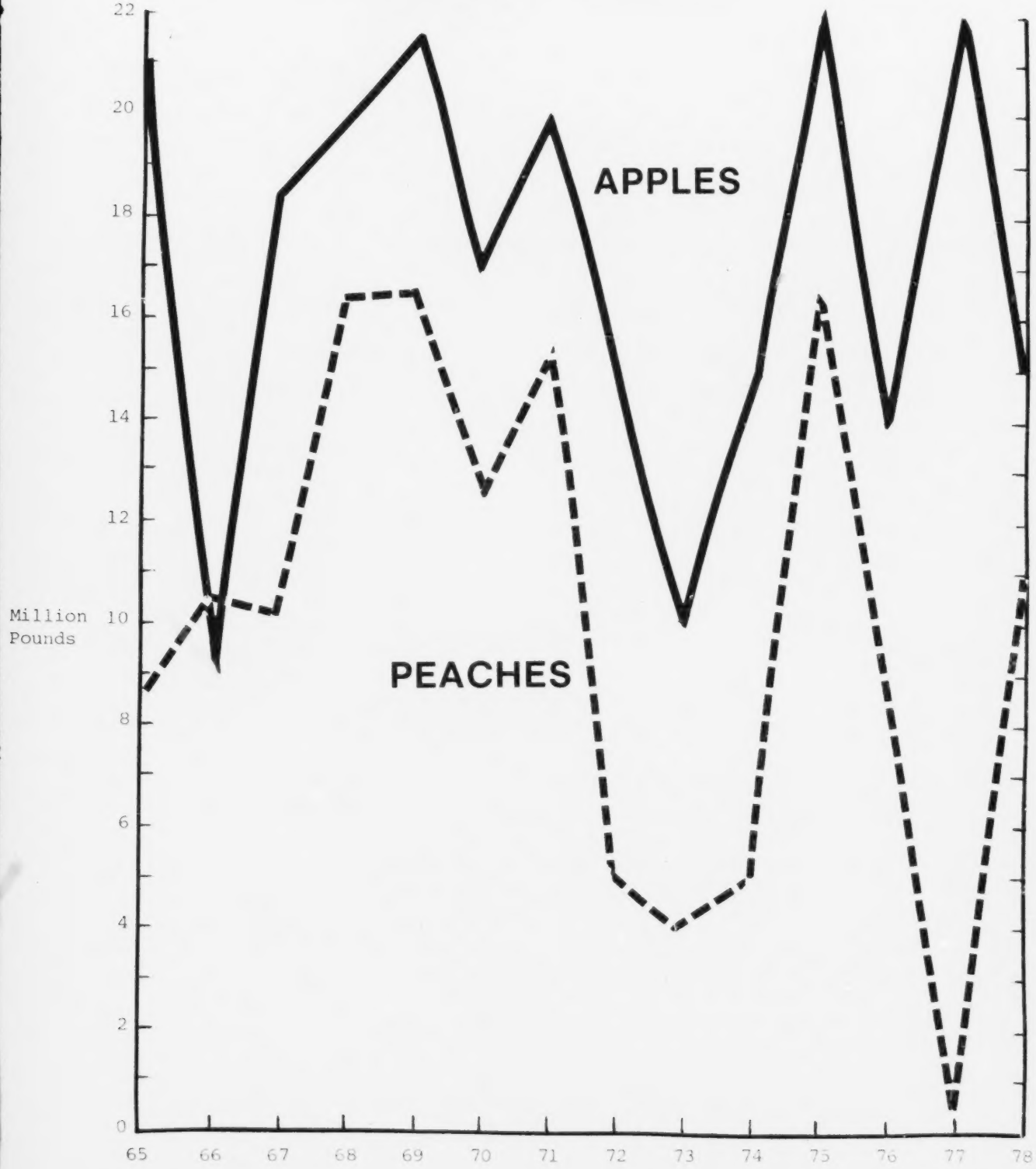
YEAR	Area Planted	Harvested	Yield per Acre	Production	Value	
					Per Ton	Total
	(Acres)	(Acres)	(Tons)	(Tons)	(Dollars)	(1,000 Dollars)
1978	1,300	1,200	1.54	1,850	145.00	268

1/ This is the first year for which Kentucky has published figures for its processing snap bean production.

GREEN PEPPERS, FRESH MARKET AND PROCESSING

YEAR	Area Planted	Harvested	Yield per Acre	Production	Value	
					Per Cwt.	Total
	(Acres)	(Acres)	(Cwt.)	(1,000 Cwt.)	(Dollars)	(1,000 Dollars)
1976	2,700	1,700	100	170	7.97	1,355
1977	3,000	3,000	76	228	7.71	1,759
1978	2,300	2,200	69	152	8.36	1,271

APPLE AND PEACH PRODUCTION
1965 - 1978



KENTUCKY'S RANK IN U. S. AGRICULTURE - 1978

RANK	ALL TOBACCO		BURLEY TOBACCO		SOYBEANS FOR BEANS		WHITE CORN	
	State	Production (000 Pounds)	State	Production (000 Pounds)	State	Production (000 Bushels)	State	Production (000 Bushels)
1.	N. C.	847,320	Kentucky	414,800	Illinois	303,270	Kentucky	10,080
2.	Kentucky	453,521	Tenn.	113,950	Iowa	286,900	Texas	6,930
3.	S. C.	150,520	Virginia	23,690	Missouri	155,040	Tennessee	5,676
4.	Tenn.	147,178	N. C.	20,400	Minn.	142,100	Illinois	3,675
5.	Virginia	134,991	Ohio	19,975	Indiana	140,420	Missouri	3,268
6.	Georgia	125,660	Indiana	16,170	Ohio	123,750	Iowa	2,800
7.	Maryland	32,200	Missouri	5,400	Arkansas	112,800	Kansas	2,720
8.	Pa.	25,220	W. Va.	2,700	Miss.	81,700	Indiana	1,750
9.	Ohio	22,705			Louisiana	71,000	Alabama	1,548
10.	Wisconsin	22,223			Tennessee	56,870	Georgia	1,215
11.	Florida	22,050			Alabama	42,900		
12.	Indiana	16,170			Nebraska	42,500		
13.	Missouri	5,400			Kentucky	42,300		
14.	Conn.	5,373			N. C.	37,200		
15.	W. Va.	2,700			S. C.	32,340		
16.	Mass.	1,375			Georgia	29,400		
17.	Alabama	972			Kansas	26,100		
18.	Louisiana	117			Texas	19,370		
19.					Michigan	19,200		
20.					Virginia	12,460		
21.					S. Dakota	11,895		
22.					Maryland	11,040		
23.					Florida	9,600		
24.					Wisconsin	6,880		
25.					Delaware	6,860		
26.					New Jersey	6,180		
27.					Oklahoma	5,355		
28.					N. Dakota	4,758		
29.					Pa.	1,953		
30.					New York	506		

Kentucky ranks number 1 in white corn production, with a major portion going to the export market.

KENTUCKY'S RANK IN U. S. AGRICULTURE 1978

RANK	CORN FOR GRAIN		CORN FOR SILAGE		SORGHUM FOR GRAIN		SORGHUM FOR SILAGE	
	State	Production (000 Bushels)	State	Production (000 Tons)	State	Production (000 Bushels)	State	Production (000 Tons)
1.	Iowa	1,462,500	Iowa	11,200	Texas	227,850	Kansas	2,300
2.	Illinois	1,191,030	Wisconsin	11,040	Kansas	209,040	Nebraska	910
3.	Nebraska	740,150	Minnesota	9,375	Nebraska	137,250	Texas	525
4.	Minnesota	643,760	New York	8,866	Missouri	68,000	Mississippi	455
5.	Indiana	637,200	Nebraska	6,750	Oklahoma	17,460	S. Dakota	413
6.	Ohio	379,050	Pa.	6,355	S. Dakota	17,000	Oklahoma	405
7.	Wisconsin	269,500	S. Dakota	5,166	California	13,135	Missouri	380
8.	Missouri	191,400	Michigan	4,938	New Mexico	12,282	Georgia	363
9.	Michigan	182,250	Colorado	4,522	Arkansas	12,000	N. Carolina	324
10.	S. Dakota	171,520	Illinois	3,643	Colorado	9,300	Colorado	209
11.	Kansas	153,000	Kansas	3,276	Arizona	5,694	California	204
12.	Texas	144,000	Virginia	3,000	Illinois	4,624	Alabama	180
13.	N. C.	121,600	Ohio	2,968	N. Carolina	4,472	Iowa	126
14.	Kentucky	119,850	California	2,672	Iowa	1,800	Arkansas	126
15.	Pa.	113,050	Indiana	2,640	Kentucky	1,426	Virginia	121
16.	Colorado	79,200	Kentucky	2,170	Alabama	1,258	Tennessee	116
17.	Georgia	75,000	N. Dakota	2,151	Georgia	1,247	S. Carolina	105
18.	Maryland	57,230	Tennessee	2,025	Tennessee	1,224	Kentucky	96
19.	Virginia	50,430	Texas	1,875	Indiana	975	Indiana	91
20.	New York	47,400	N. C.	1,755	Mississippi	798	Louisiana	90
21.	Tennessee	43,560	Montana	1,596	Louisiana	578	Arizona	85
22.	California	35,406	Missouri	1,584	Virginia	517	Illinois	81
23.	S. C.	30,250	Idaho	1,499	S. Carolina	480	New Mexico	52
24.	Alabama	27,200	Vermont	1,470				
25.	N. Dakota	19,987	Washington	1,430				
26.	Florida	19,240	Maryland	1,410				
27.	Delaware	16,800	Georgia	1,200				
28.	New Jersey	8,645	Utah	1,136				
29.	Washington	7,865	Connecticut	918				
30.	New Mexico	7,560	Mississippi	875				
31.	Mississippi	7,560	Wyoming	698				
32.	Arizona	5,750	S. Carolina	693				
33.	Oklahoma	4,745	Mass.	660				
34.	W. Virginia	4,466	Oregon	600				
35.	Idaho	3,393	New Jersey	574				
36.	Louisiana	2,773	Maine	559				
37.	Wyoming	2,754	Alabama	510				
38.	Arkansas	1,740	W. Virginia	405				
39.	Utah	1,440	Arizona	360				
40.	Oregon	1,235	Oklahoma	338				
41.	Montana	360	N. Hampshire	322				
42.			Florida	234				
43.			New Mexico	210				
44.			Louisiana	169				
45.			Delaware	125				
46.			Rhode Island	66				
47.			Arkansas	20				

KENTUCKY'S RANK IN U. S. AGRICULTURE 1978

RANK	ALL HAY		ALFALFA HAY		ALL OTHER HAY		POPCORN	
	State	Production (000 Tons)	State	Production (000 Tons)	State	Production (000 Tons)	State	Production (000 Pounds)
1.	Wisc.	11,635	Wisconsin	9,610	Missouri	4,495	Indiana	132,000
2.	Minnesota	8,932	Minnesota	7,276	Texas	3,548	Nebraska	127,300
3.	S. Dakota	8,625	Iowa	6,880	New York	2,683	Ohio	38,430
4.	Iowa	8,301	S. Dakota	6,000	S. Dakota	2,625	Iowa	29,325
5.	Nebraska	7,538	Calif.	5,941	Kentucky	2,538	Illinois	23,780
6.	Calif.	6,955	Nebraska	5,280	N. Dakota	2,295	Kentucky	14,110
7.	N. Dakota	6,453	N. Dakota	4,158	Nebraska	2,258	Kansas	11,700
8.	Missouri	5,980	Idaho	4,050	Ohio	2,046	Missouri	7,800
9.	New York	5,297	Michigan	3,132	Wisconsin	2,023	Michigan	7,245
10.	Idaho	4,708	Kansas	2,940	Pa.	1,971		
11.	Kansas	4,676	Montana	2,938	Oklahoma	1,845		
12.	Montana	4,576	Illinois	2,774	Kansas	1,736		
13.	Texas	4,368	New York	2,614	Tennessee	1,660		
14.	Pa.	4,323	Pa.	2,352	Minnesota	1,656		
15.	Ohio	3,934	Colorado	2,117	Montana	1,638		
16.	Michigan	3,683	Washington	1,911	Iowa	1,421		
17.	Illinois	3,671	Ohio	1,888	Virginia	1,392		
18.	Oklahoma	3,222	Utah	1,669	Arkansas	1,196		
19.	Kentucky	3,162	Oregon	1,536	Miss.	1,193		
20.	Colorado	3,013	Missouri	1,485	Alabama	1,105		
21.	Oregon	2,607	Oklahoma	1,377	Oregon	1,071		
22.	Wash.	2,582	Indiana	1,344	California	1,014		
23.	Indiana	2,300	Arizona	1,298	Indiana	956		
24.	Wyoming	2,050	Wyoming	1,246	Georgia	950		
25.	Tennessee	1,912	New Mexico	970	Illinois	897		
26.	Utah	1,886	Texas	820	Colorado	896		
27.	Virginia	1,640	Nevada	638	Wyoming	804		
28.	Arizona	1,382	Kentucky	624	W. Virginia	758		
29.	Arkansas	1,375	Tennessee	252	Louisiana	694		
30.	Miss.	1,193	Virginia	248	Washington	671		
31.	Alabama	1,105	Vermont	237	Idaho	658		
32.	New Mexico	1,054	Maryland	233	Vermont	648		
33.	W. Virginia	970	W. Virginia	212	N. Carolina	566		
34.	Nevada	963	New Jersey	182	Michigan	551		
35.	Georgia	950	Arkansas	179	Florida	470		
36.	Vermont	885	Mass.	68	S. Carolina	444		
37.	Louisiana	724	Maine	55	Maine	410		
38.	Maryland	631	Connecticut	55	Maryland	396		
39.	N. Carolina	612	N. Hampshire	48	Nevada	325		
40.	Florida	470	N. Carolina	46	Utah	217		
41.	Maine	465	Louisiana	30	Mass.	194		
42.	S. Carolina	444	Delaware	22	Connecticut	139		
43.	New Jersey	310	Rhode Island	8	N. Hampshire	133		
44.	Mass.	262			New Jersey	128		
45.	Connecticut	194			New Mexico	84		
46.	N. Hampshire	181			Arizona	84		
47.	Delaware	48			Delaware	26		
48.	Rhode Island	17			Rhode Island	9		

KENTUCKY'S RANK IN U. S. AGRICULTURE

1978

RANK	WINTER WHEAT		RYE		OATS		BARLEY	
	State	Production (000 Bushels)	State	Production (000 Bushels)	State	Production (000 Bushels)	State	Production (000 Bushels)
1.	Kansas	306,000	S. Dakota	6,820	S. D.	102,765	N. D.	112,700
2.	Oklahoma	145,800	N. Dakota	6,355	Minnesota	98,820	Montana	56,375
3.	Wash.	122,200	Georgia	2,530	Iowa	66,700	Idaho	55,800
4.	Montana	83,700	Minnesota	2,352	N. Dakota	65,880	Minnesota	51,975
5.	Nebraska	81,600	Nebraska	1,007	Wisconsin	62,720	Calif.	45,600
6.	Colorado	55,200	S. Carolina	836	Ohio	24,400	Wash.	24,700
7.	Texas	54,000	Michigan	600	Nebraska	21,150	S. Dakota	20,905
8.	Oregon	47,300	Oklahoma	570	Michigan	20,520	Colorado	15,360
9.	Idaho	44,010	Pennsylvania	512	Pa.	18,020	Oregon	9,250
10.	Ohio	43,875	N. Carolina	460	New York	17,700	Wyoming	8,253
11.	Calif.	37,200	Virginia	425	Illinois	15,400	Utah	7,336
12.	Illinois	35,340	Texas	406	Texas	13,760	Pa.	5,875
13.	Indiana	31,785	Illinois	368	Montana	10,608	Virginia	5,050
14.	Missouri	28,560	Wisconsin	357	Indiana	8,910	Maryland	3,825
15.	S. Dakota	18,200	Kansas	315	N. C.	5,225	N. C.	3,009
16.	Michigan	18,000	New York	279	California	5,088	Oklahoma	2,720
17.	Arkansas	11,100	Maryland	270	Kansas	4,680	Kansas	2,640
18.	Pa.	8,085	New Jersey	253	Oregon	4,200	Arizona	2,485
19.	Tennessee	7,700	Ohio	240	Arkansas	4,015	New Mexico	1,425
20.	Wyoming	7,150	Indiana	225	S. C.	3,900	Wisconsin	1,323
21.	Kentucky	6,825	Oregon	175	Georgia	3,445	Nevada	1,200
22.	N. C.	5,940	Missouri	175	Oklahoma	3,420	S. C.	1,128
23.	New Mexico	5,662	Iowa	150	Idaho	3,136	Nebraska	1,102
24.	Virginia	5,425	Kentucky	108	Wyoming	2,744	Texas	1,080
25.	Utah	4,843	Colorado	105	Maine	2,376	Delaware	1,056
26.	Maryland	3,996	Delaware	100	Washington	1,860	Kentucky	989
27.	N. Dakota	3,915	Wyoming	66	Colorado	1,760	New Jersey	920
28.	Georgia	3,840	Washington	63	Virginia	1,620	Michigan	893
29.	Arizona	3,290	Tennessee	38	Missouri	1,330	Ohio	480
30.	New York	2,625			Maryland	1,242	Tennessee	442
31.	S. C.	2,574			Alabama	1,200	W. Virginia	440
32.	Miss.	2,015			Tennessee	1,125	New York	420
33.	Iowa	1,705			Utah	576	Illinois	252
34.	Alabama	1,690			W. Virginia	504		
35.	Minnesota	1,682			New Jersey	384		
36.	Wisconsin	1,188			Kentucky	294		
37.	New Jersey	1,188						
38.	Delaware	1,008						
39.	Nevada	715						
40.	Louisiana	612						
41.	Florida	432						
42.	W. Virginia	297						

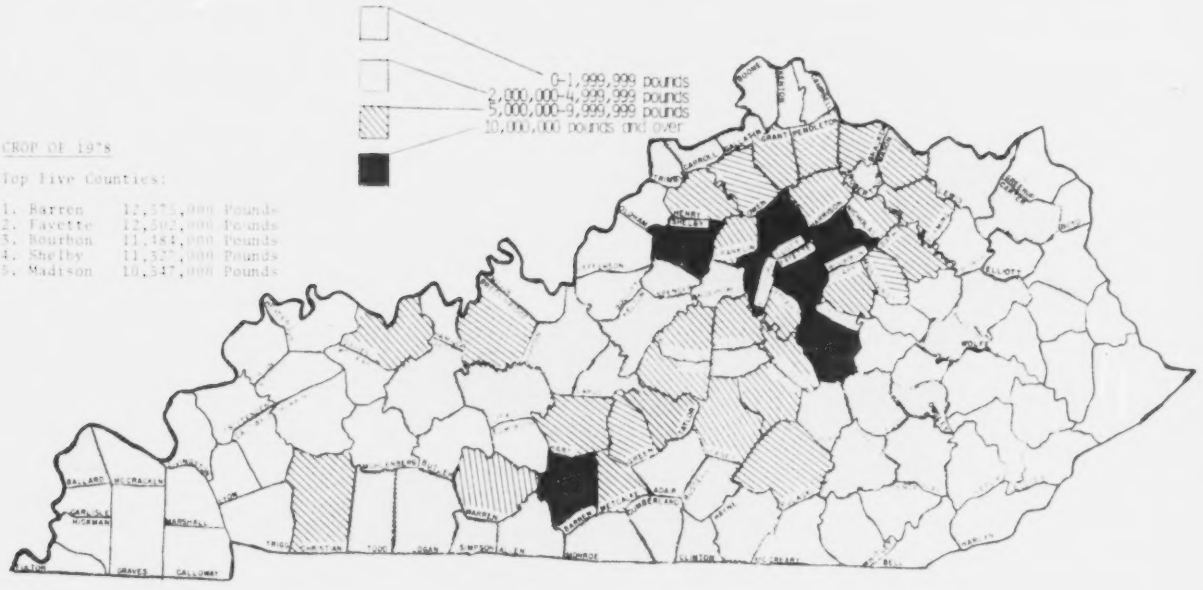
A member of the Kentucky Department of Agriculture and two tobacco buyers look over some prime burley offerings.

Mechanization continues to make inroads in burley production as evidenced by this hi-boy dropping sticks.

BURLEY TOBACCO COUNTY ESTIMATES 1978

District and County	Harv. Acres	Yield Per Acre (Pounds)	Production (Pounds)
Ballard	1,280	2,450	3,136,000
Calloway	255	2,075	529,000
Carlisle	275	2,475	681,000
Graves	425	2,250	956,000
Hickman	30	2,200	66,000
Lyon	200	2,250	450,000
McCracken	555	2,350	1,304,000
Marshall	185	2,275	421,000
Trigg	750	2,325	1,744,000
Other Counties	5	2,250	11,000
DISTRICT 1	3,960	2,348	9,298,000
Caldwell	535	2,300	1,231,000
Christian	2,700	2,350	6,345,000
Crittenden	5	2,300	11,000
Daviess	2,970	2,575	7,648,000
Hancock	1,030	2,500	2,575,000
Henderson	305	2,300	702,000
Hopkins	105	1,975	207,000
Logan	1,540	2,350	3,619,000
McLean	675	2,450	1,654,000
Muhlenberg	420	2,490	1,046,000
Ohio	1,100	2,450	2,695,000
Simpson	860	2,375	2,043,000
Todd	1,150	2,390	2,749,000
Union	5	2,200	11,000
Webster	95	1,950	185,000
DISTRICT 2	13,495	2,425	32,721,000
Adair	2,050	2,390	4,900,000
Allen	1,520	2,375	3,610,000
Barren	5,030	2,500	12,575,000
Breckinridge	2,970	2,425	7,202,000
Bullitt	570	2,400	1,368,000
Butler	380	2,200	836,000
Casey	2,450	2,550	6,248,000
Clinton	970	2,400	2,328,000
Cumberland	1,030	2,475	2,549,000
Edmonson	770	2,450	1,887,000
Grayson	1,580	2,400	3,792,000
Green	2,430	2,550	6,197,000
Hardin	1,850	2,400	4,440,000
Hart	3,500	2,525	8,838,000
Jefferson	280	2,300	644,000
Larue	1,280	2,475	3,168,000
Marion	2,100	2,675	5,618,000
Meade	800	2,325	1,860,000
Metcalfe	2,260	2,475	5,594,000
Monroe	1,520	2,475	3,762,000
Nelson	1,850	2,450	4,533,000
Russell	1,490	2,425	3,613,000
Taylor	2,150	2,600	5,590,000
Warren	2,650	2,350	6,228,000
DISTRICT 3	43,480	2,470	107,380,000
Boone	1,250	2,300	2,875,000
Bracken	2,580	2,450	6,321,000
Campbell	300	2,475	743,000
Carroll	1,510	2,500	3,775,000
Gallatin	840	2,590	2,176,000
Grant	2,290	2,560	5,862,000
Henry	3,580	2,700	9,666,000
Kenton	620	2,350	1,457,000
Oldham	650	2,300	1,495,000
Owen	3,070	2,600	7,982,000
Pendleton	2,050	2,460	5,043,000
Trimble	1,370	2,650	3,631,000
DISTRICT 4	20,110	2,537	51,026,000
Anderson	1,350	2,425	3,274,000
Bath	2,480	2,420	6,002,000
Bourbon	4,400	2,610	11,484,000
Boyle	1,740	2,575	4,481,000
Clark	2,830	2,470	6,990,000
Fayette	4,700	2,660	12,502,000
Fleming	3,060	2,360	7,222,000
Franklin	2,400	2,460	5,904,000
Garrard	2,830	2,595	7,344,000
Harrison	3,520	2,610	9,187,000
Jessamine	2,740	2,480	6,795,000
Lincoln	2,630	2,530	6,654,000
Madison	4,120	2,560	10,547,000
Mason	3,570	2,460	8,782,000
Mercer	2,700	2,410	6,507,000
Montgomery	2,430	2,510	6,099,000
Nicholas	2,190	2,460	5,387,000
Robertson	1,000	2,460	2,460,000
Scott	3,860	2,660	10,268,000
Shelby	4,340	2,610	11,327,000
Spencer	1,720	2,400	4,128,000
Washington	2,700	2,525	6,818,000
Woodford	3,990	2,610	10,414,000
DISTRICT 5	67,300	2,535	170,576,000
Bell	5	2,200	11,000
Boyd	25	2,175	54,000
Breathitt	560	2,350	1,316,000
Carter	1,440	2,300	3,312,000
Clay	1,240	2,425	3,007,000
Elliott	920	2,100	1,932,000
Estill	690	2,300	1,587,000
Greenup	850	2,325	1,976,000
Jackson	1,430	2,430	3,475,000
Johnson	270	2,200	594,000
Knox	410	2,300	943,000
Laurel	2,050	2,400	4,920,000
Lawrence	300	2,275	683,000
Lee	280	2,350	658,000
Leslie	30	1,900	57,000
Lewis	2,100	2,100	4,410,000
McCreary	30	2,200	66,000
Magoffin	810	2,110	1,709,000
Menifee	640	2,275	1,456,000
Morgan	1,680	2,275	3,822,000
Owsley	850	2,400	2,040,000
Perry	35	1,900	67,000
Powell	460	2,000	920,000
Pulaski	3,080	2,525	7,777,000
Rockcastle	1,450	2,450	3,553,000
Rowan	620	2,200	1,364,000
Wayne	1,230	2,350	2,891,000
Whitley	220	2,200	484,000
Wolfe	945	2,200	2,079,000
Other Counties	5	2,100	11,000
DISTRICT 6	24,655	2,319	57,174,000
STATE	173,000	2,475	428,175,000

BURLEY TOBACCO

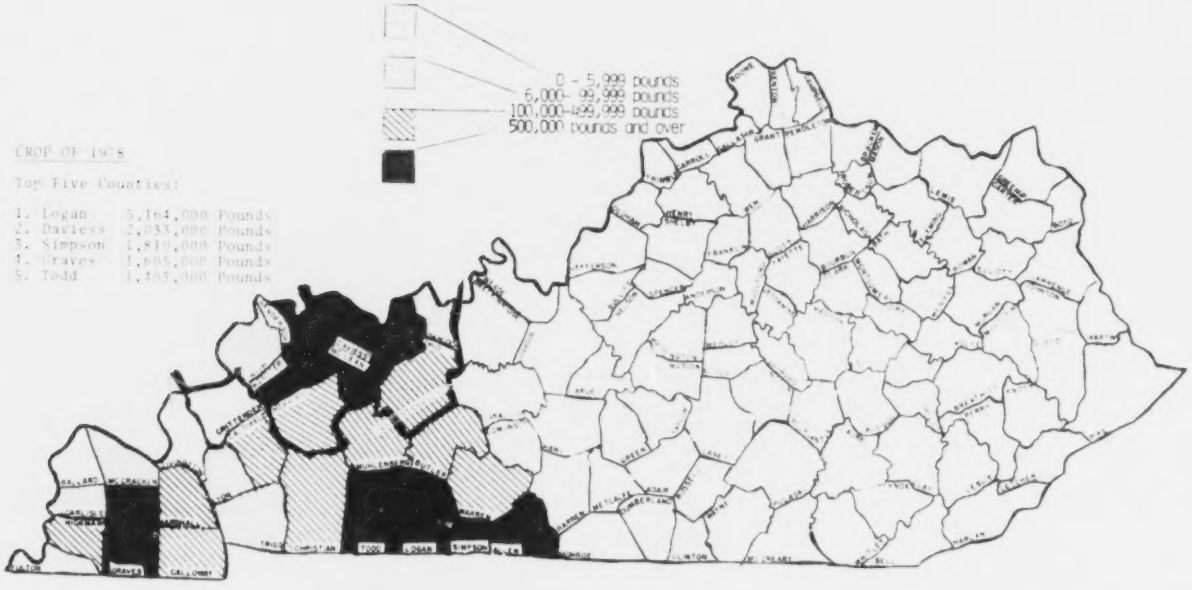


CROP OF 1978

Top Five Counties:

1. Barren 12,573,000 Pounds
2. Fayette 12,502,000 Pounds
3. Bourbon 11,384,000 Pounds
4. Shelby 11,327,000 Pounds
5. Madison 10,347,000 Pounds

DARK AIR-CURED TOBACCO



CROP OF 1978

Top Five Counties:

1. Logan 5,164,000 Pounds
2. Daviess 3,033,000 Pounds
3. Simpson 1,810,000 Pounds
4. Graves 1,605,000 Pounds
5. Todd 1,485,000 Pounds

DARK AIR-CURED TOBACCO
COUNTY ESTIMATES 1978

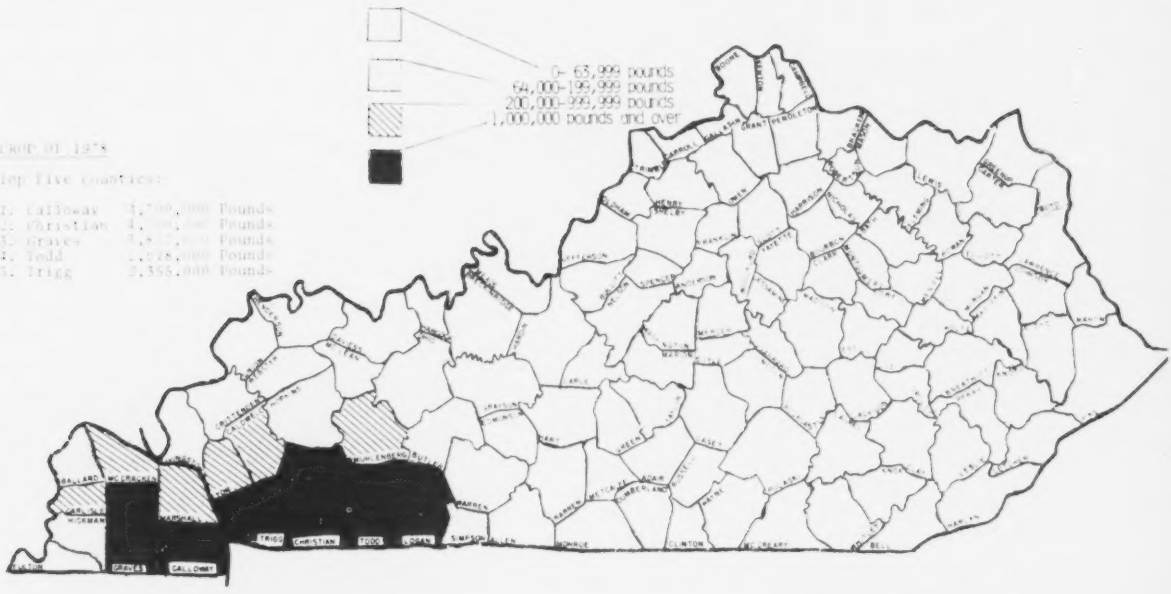
TYPE 35 (ONE SUCKER)

County	Acres Harvested	Yield Per Acre (pounds)	Production (pounds)
Allen	265	2,040	541,000
Butler	110	1,900	209,000
Caldwell	95	1,920	182,000
Calloway	145	2,050	297,000
Carlisle	50	1,860	93,000
Christian	80	2,190	175,000
Graves	750	2,140	1,605,000
Hickman	50	2,020	101,000
Logan	2,550	2,025	5,164,000
Lyon	30	2,110	63,000
McCracken	10	2,140	21,000
Marshall	75	1,910	143,000
Muhlenberg	150	1,875	281,000
Simpson	1,000	1,810	1,810,000
Todd	705	1,990	1,403,000
Trigg	35	2,200	77,000
Warren	195	2,180	425,000
Other Counties	5	2,020	10,000
STATE TOTAL	6,300	2,000	12,600,000

TYPE 36 (GREEN RIVER)

County	Acres Harvested	Yield Per Acre (pounds)	Production (pounds)
Daviess	1,120	1,815	2,033,000
Hancock	25	2,240	56,000
Henderson	520	1,725	897,000
Hopkins	210	1,700	357,000
McLean	620	2,195	1,361,000
Ohio	230	2,140	492,000
Union	15	1,710	26,000
Webster	400	1,785	714,000
Other Counties	10	1,800	18,000
STATE TOTAL	3,150	1,890	5,954,000

DARK-FIRED TOBACCO



DARK FIRED TOBACCO COUNTY ESTIMATES 1978

TYPE 22
(EASTERN DARK-FIRED)

County	Acres Harvested	Yield Per Acre (pounds)	Production (pounds)
Caldwell	460	1,815	835,000
Christian	2,290	1,965	4,500,000
Logan	685	2,140	1,466,000
Lyon	225	1,810	407,000
Muhlenberg	510	1,775	905,000
Simpson	70	2,055	144,000
Todd	1,280	2,045	2,618,000
Trigg	1,230	1,915	2,355,000
STATE TOTAL	6,750	1,960	13,230,000

TYPE 23
(WESTERN DARK-FIRED)

County	Acres Harvested	Yield Per Acre (pounds)	Production (pounds)
Ballard	45	2,110	95,000
Calloway	2,580	1,825	4,709,000
Carlisle	220	1,770	389,000
Graves	2,060	1,870	3,852,000
Hickman	100	1,520	152,000
McCracken	120	1,865	224,000
Marshall	175	1,590	278,000
STATE TOTAL	5,300	1,830	9,699,000

CORN FOR ALL PURPOSES, REVISED BY COUNTIES 1977

District and County	Acres Planted	Acres Harv.	Yield Harv. Acre 1/	Production
			(Bushels)	(Bushels)
Ballard	18,800	17,600	87	1,531,200
Calloway	32,300	30,700	92	2,824,400
Carlisle	12,800	12,100	85	1,028,500
Fulton	17,700	16,500	90	1,485,000
Graves	71,000	69,200	83	5,743,600
Hickman	31,300	29,000	90	2,610,000
Livingston	15,600	14,000	86	1,204,000
Lyon	8,600	8,200	78	639,600
McCracken	11,000	10,200	93	948,600
Marshall	9,600	7,400	83	614,200
Trigg	18,800	18,200	89	1,619,800
DISTRICT 1	247,500	233,100	86.9	20,248,900
Caldwell	26,000	25,100	92	2,309,200
Christian	53,500	51,800	91	4,713,800
Crittenden	19,900	18,800	91	1,710,800
Daviess	59,500	56,800	98	5,566,400
Hancock	6,100	5,500	90	495,000
Henderson	76,000	74,400	93	6,919,200
Hopkins	37,000	36,500	85	3,102,500
Logan	47,000	45,000	99	4,455,000
McLean	36,500	34,900	100	3,490,000
Muhlenberg	20,400	19,800	80	1,584,000
Ohio	37,500	36,400	89	3,239,600
Simpson	30,500	29,400	84	2,469,600
Todd	37,500	35,400	87	3,079,800
Union	79,500	76,800	100	7,680,000
Webster	52,500	51,400	95	4,883,000
DISTRICT 2	619,400	598,000	93.1	55,697,900
Adair	15,000	12,400	81	1,004,400
Allen	15,500	13,900	81	1,125,900
Barren	34,500	29,300	82	2,402,600
Breckinridge	36,500	33,400	85	2,839,000
Bullitt	4,200	4,000	90	360,000
Butler	20,200	17,600	87	1,531,200
Casey	13,100	8,900	78	694,200
Clinton	6,000	4,900	84	411,600
Cumberland	6,300	5,800	73	423,400
Edmonson	10,100	9,700	75	727,500
Grayson	25,500	23,900	83	1,983,700
Green	18,000	15,900	81	1,287,900
Hardin	39,500	34,800	86	2,992,800
Hart	19,500	15,100	83	1,253,300
Jefferson	5,600	5,000	99	495,000
Larue	26,500	24,400	88	2,147,200
Marion	16,500	12,100	91	1,101,100
Meade	16,000	13,800	88	1,214,400
Metcalfe	16,000	13,900	80	1,112,000
Monroe	12,000	9,400	80	752,000
Nelson	26,000	18,700	92	1,720,400
Russell	9,000	6,400	88	563,200
Taylor	17,500	15,400	90	1,386,000
Warren	29,000	26,400	90	2,376,000
DISTRICT 3	438,000	375,100	85.1	31,904,800
Boone	6,700	5,300	88	466,400
Bracken	3,100	2,400	94	225,600
Campbell	1,600	1,200	85	102,000
Carroll	3,100	2,400	90	216,000
Gallatin	2,300	1,500	90	135,000
Grant	2,800	2,000	84	168,000
Henry	13,500	10,200	98	999,600
Kenton	2,100	1,500	99	148,500
Oldham	9,000	8,400	95	798,000
Owen	3,100	2,100	96	201,600
Pendleton	3,600	2,800	93	260,400
Trimble	3,800	3,100	94	291,400
DISTRICT 4	54,700	42,900	93.5	4,012,500
Anderson	3,100	2,300	90	207,000
Bath	6,200	3,600	86	309,600
Bourbon	15,200	13,000	97	1,261,000
Boyle	8,700	6,500	94	611,000
Clark	7,700	5,600	99	554,400
Fayette	9,400	8,100	98	793,800
Fleming	12,900	8,200	100	820,000
Franklin	3,700	2,800	89	249,200
Garrard	6,100	4,100	86	352,600
Harrison	7,100	6,200	95	589,000
Jessamine	4,800	4,100	99	405,900
Lincoln	13,100	8,600	85	731,000
Madison	11,000	8,200	102	836,400
Mason	12,200	9,900	97	960,300
Mercer	11,200	8,100	100	810,000
Montgomery	5,000	3,600	94	338,400
Nicholas	3,500	2,200	84	184,800
Robertson	1,100	900	90	81,000
Scott	6,200	5,200	90	468,000
Shelby	29,000	22,400	92	2,060,800
Spencer	11,000	8,900	94	836,600
Washington	10,500	7,300	97	708,100
Woodford	5,200	2,900	94	272,600
DISTRICT 5	203,900	152,700	94.6	14,441,500
Bell	400	300	80	24,000
Boyd	1,000	800	85	68,000
Breathitt	1,600	1,100	85	93,500
Carter	2,600	2,000	81	162,000
Clay	2,100	1,800	83	149,400
Elliott	1,600	1,400	80	112,000
Estill	3,600	3,200	92	294,400
Floyd	500	400	79	31,600
Greenup	3,200	2,300	85	195,500
Harlan	200	200	75	15,000
Jackson	2,600	2,100	84	176,400
Johnson	600	500	90	45,000
Knott	700	600	84	50,400
Knox	2,000	1,600	75	120,000
Laurel	4,200	2,600	83	215,800
Lawrence	1,200	800	80	64,000
Lee	1,400	1,100	80	88,000
Leslie	300	200	70	14,000
Letcher	200	200	85	17,000
Lewis	6,600	5,900	88	519,200
McCreary	600	500	70	35,000
Magoffin	1,100	1,000	74	74,000
Martin	100	100	75	7,500
Menifee	1,000	900	80	72,000
Morgan	3,100	2,700	88	237,600
Owsley	1,800	1,500	75	112,500
Perry	400	300	75	22,500
Pike	300	200	85	17,000
Powell	2,600	2,400	90	216,000
Pulaski	18,500	13,400	90	1,206,000
Rockcastle	4,600	3,000	100	300,000
Rowan	2,800	2,300	90	207,000
Wayne	9,600	8,000	100	800,000
Whitley	1,800	1,500	75	112,500
Wolfe	1,600	1,300	92	119,600
DISTRICT 6	86,500	68,200	87.9	5,994,400
State	1,650,000	1,470,000	90.0	132,300,000

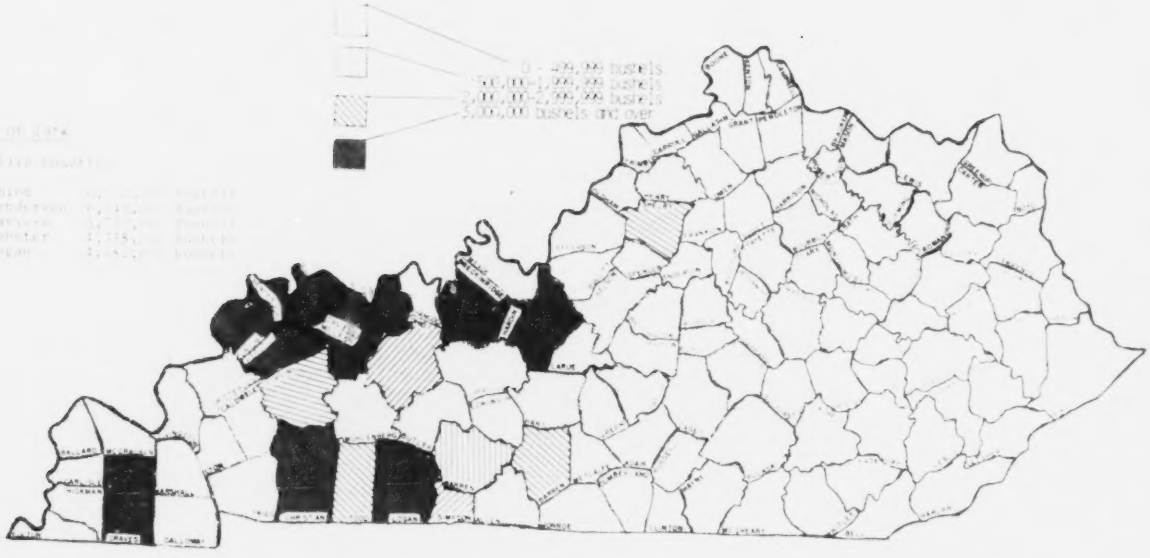
1/ County yields derived and rounded to half bushel.

CORN FOR ALL PURPOSES, COUNTY ESTIMATES - 1978

District and County	Acres Planted	Acres Harv.	Yield Harv. Acres (Bushels)	Production (Bushels)
Ballard	20,000	18,600	80.0	1,488,000
Calloway	31,000	28,500	39.0	1,111,500
Carlisle	11,500	11,000	73.0	803,000
Fulton	14,000	13,000	72.0	936,000
Graves	68,000	66,100	59.0	3,899,900
Hickman	28,000	26,000	69.0	1,794,000
Livingston	16,500	15,000	52.0	780,000
Lyon	8,500	8,100	52.0	421,200
McCracken	10,000	9,500	69.0	655,500
Marshall	10,000	7,700	39.0	300,300
Trigg	19,000	18,500	54.0	999,000
DISTRICT 1	236,500	222,000	59.4	13,188,400
Caldwell	23,700	22,900	70.0	1,603,000
Christian	56,000	54,500	72.5	3,951,200
Crittenden	20,000	19,000	69.0	1,311,000
Daviess	57,000	55,000	104.0	5,720,000
Hancock	5,500	5,100	90.0	459,000
Henderson	70,000	68,600	91.0	6,242,600
Hopkins	33,000	32,500	87.0	2,827,500
Logan	45,000	43,700	98.0	4,282,600
McLean	33,000	32,000	102.0	3,264,000
Muhlenberg	17,000	16,400	85.0	1,394,000
Ohio	32,000	31,000	90.0	2,790,000
Simpson	29,000	28,000	105.0	2,940,000
Todd	38,000	36,000	81.0	2,916,000
Union	74,000	72,000	91.0	6,552,000
Webster	49,000	48,200	90.0	4,338,000
DISTRICT 2	582,200	564,900	89.6	50,590,900
Adair	14,000	11,600	84.0	974,400
Allen	14,000	13,000	88.0	1,144,000
Barren	30,000	26,000	81.0	2,106,000
Breckinridge	37,500	35,500	91.0	3,230,500
Bullitt	5,000	4,400	90.0	396,000
Butler	20,000	18,500	90.0	1,665,000
Casey	11,000	7,100	84.0	596,400
Clinton	5,000	4,000	85.0	340,000
Cumberland	5,500	5,000	80.0	400,000
Edmonson	8,500	8,000	76.0	608,000
Grayson	24,000	23,000	77.0	1,771,000
Green	16,500	14,600	89.0	1,299,400
Hardin	37,500	35,000	93.0	3,255,000
Hart	18,000	14,000	77.0	1,078,000
Jefferson	5,800	5,300	100.0	530,000
Larue	25,000	22,800	86.0	1,960,800
Marion	16,000	11,200	82.0	918,400
Meade	15,500	14,500	92.0	1,334,000
Metcalfe	14,500	13,500	83.0	1,120,500
Monroe	10,000	8,000	80.0	640,000
Nelson	24,000	17,000	89.0	1,513,000
Russell	8,500	5,700	90.0	513,000
Taylor	18,000	16,000	95.0	1,520,000
Warren	30,000	28,000	88.0	2,464,000
DISTRICT 3	413,800	361,700	86.7	31,377,400
Boone	6,500	5,300	90.0	477,000
Bracken	2,600	1,900	103.0	195,700
Campbell	1,500	1,100	86.0	94,600
Carroll	2,800	2,200	93.0	204,600
Gallatin	2,000	1,500	96.0	144,000
Grant	2,500	2,000	85.0	170,000
Henry	13,000	10,500	95.0	997,500
Kenton	1,800	1,300	90.0	117,000
Oldham	8,000	7,200	105.0	756,000
Owen	2,900	1,900	92.0	174,800
Pendleton	3,600	2,600	96.0	249,600
Trimble	3,600	3,000	96.0	288,000
DISTRICT 4	50,800	40,500	95.5	3,868,800

District and County	Acres Planted	Acres Harv.	Yield Harv. Acres (Bushels)	Production (Bushels)
Anderson	2,900	2,000	90.0	180,000
Bath	6,000	3,500	100.0	350,000
Bourbon	14,000	11,500	100.0	1,150,000
Boyle	7,500	5,500	97.0	533,500
Clark	8,500	6,500	102.0	663,000
Fayette	9,500	8,000	105.0	840,000
Fleming	15,000	10,500	103.0	1,081,500
Franklin	3,300	2,400	82.0	196,800
Garrard	6,000	4,200	94.0	394,800
Harrison	7,000	6,000	96.0	576,000
Jessamine	5,000	4,000	90.0	360,000
Lincoln	13,500	10,000	91.0	910,000
Madison	11,000	8,500	99.0	841,500
Mason	12,000	9,500	95.0	902,500
Mercer	10,500	7,500	93.0	697,500
Montgomery	5,000	3,500	102.0	357,000
Nicholas	3,200	2,000	96.0	192,000
Robertson	900	700	95.0	66,500
Scott	6,500	5,500	90.0	495,000
Shelby	28,000	21,500	98.0	2,107,000
Spencer	10,000	8,000	95.0	760,000
Washington	11,000	7,500	99.0	742,500
Woodford	5,500	3,500	92.0	322,000
DISTRICT 5	201,800	151,800	97.0	14,719,100
Boyd	700	600	84.0	50,400
Breathitt	1,400	1,000	95.0	95,000
Carter	2,400	2,000	78.0	156,000
Clay	2,600	2,100	82.0	172,200
Elliott	1,000	900	80.0	72,000
Estill	4,000	3,600	89.0	320,400
Greenup	3,500	2,700	80.0	216,000
Jackson	2,800	2,300	75.0	172,500
Johnson	600	500	78.0	39,000
Knott	700	600	80.0	48,000
Knox	2,200	1,700	70.0	119,000
Laurel	3,500	2,000	85.0	170,000
Lawrence	900	600	83.0	49,800
Lee	1,600	1,300	84.0	109,200
Lewis	6,500	5,900	87.0	513,300
McCreary	600	500	85.0	42,500
Magoffin	1,100	1,000	75.0	75,000
Menifee	1,000	900	85.0	76,500
Morgan	2,700	2,400	87.0	208,800
Owsley	1,800	1,500	80.0	120,000
Powell	2,200	2,000	88.0	176,000
Pulaski	18,000	14,000	95.0	1,330,000
Rockcastle	5,500	4,000	95.0	380,000
Rowan	2,200	1,800	90.0	162,000
Wayne	10,000	8,700	101.0	878,700
Whitley	1,800	1,500	70.0	105,000
Wolfe	1,600	1,400	92.0	128,800
Other Counties	2,000	1,600	74.6	119,300
DISTRICT 6	84,900	69,100	88.4	6,105,400
STATE	1,570,000	1,410,000	85.0	119,850,000

CORN



Good soil moisture and weather conditions should produce an excellent 1979 corn yield.

WHITE CORN DISTRICT ESTIMATES

1978 WHITE CORN ESTIMATES

By Crop Reporting Districts

DISTRICTS	Planted Acres	Harvested for Grain	Yield Per Acre	Production
	(Acres)	(Acres)	(Bushels)	(Bushels)
District 1	4,500	4,300	60.0	258,000
District 2	96,000	95,000	78.7	7,476,000
District 3	22,000	20,500	87.8	1,800,000
District 4	1,100	900	94.4	85,000
District 5	3,400	2,700	90.0	243,000
District 6	3,000	2,600	83.8	218,000
STATE	130,000	126,000	80.0	10,080,000

1977 WHITE CORN ESTIMATES

By Crop Reporting Districts

DISTRICTS	Planted Acres	Harvested for Grain	Yield Per Acre	Production
	(Acres)	(Acres)	(Bushels)	(Bushels)
District 1	3,400	3,300	79.7	263,000
District 2	89,000	86,300	86.0	7,421,000
District 3	19,000	17,000	82.4	1,400,000
District 4	1,000	800	80.0	64,000
District 5	2,800	2,300	87.8	202,000
District 6	2,800	2,300	73.9	170,000
STATE	118,000	112,000	85.0	9,520,000

SOYBEANS,REVISED BY COUNTIES 1977

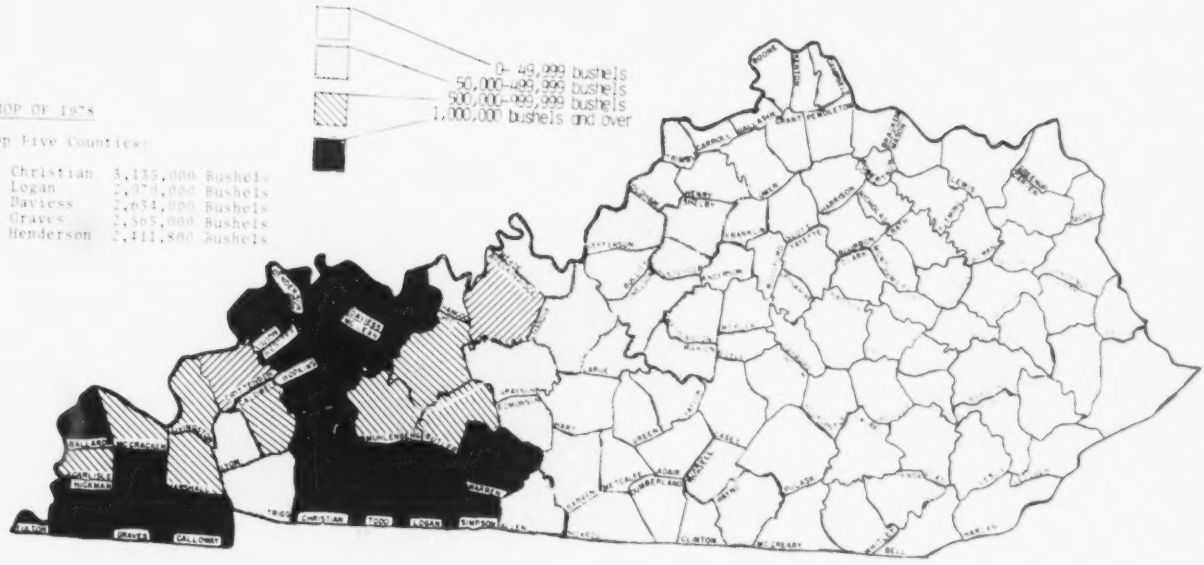
District and County	Acres Planted	Acres Harv.	Yield Harv. Acres (Bushels)	Production (Bushels)
Ballard	50,000	49,700	28.0	1,391,600
Calloway	62,000	61,600	32.0	1,971,200
Carlisle	22,800	22,700	30.0	681,000
Fulton	55,800	55,500	30.0	1,665,000
Graves	87,700	87,400	29.0	2,534,600
Hickman	58,100	57,800	31.0	1,791,800
Livingston	27,500	27,300	30.0	819,000
Lyon	6,400	6,300	28.0	176,400
McCracken	28,100	27,900	32.0	892,800
Marshall	26,900	26,700	30.0	801,000
Trigg	13,900	13,800	30.0	414,000
DISTRICT 1	439,200	436,700	30.1	13,138,400
Caldwell	21,200	21,000	32.0	672,000
Christian	103,800	102,800	32.5	3,341,000
Crittenden	34,400	34,100	30.0	1,023,000
Daviess	86,700	85,700	33.0	2,828,100
Hancock	14,900	14,700	31.5	463,100
Henderson	71,200	70,600	31.0	2,188,600
Hopkins	36,800	36,300	26.0	943,800
Logan	80,900	79,900	31.0	2,476,900
McLean	47,100	46,600	34.0	1,584,400
Muhlenberg	32,400	32,000	29.0	928,000
Ohio	25,300	24,800	32.0	793,600
Simpson	45,700	45,300	34.0	1,540,200
Todd	57,400	56,800	32.0	1,817,600
Union	26,100	25,800	33.0	851,400
Webster	37,200	36,800	30.5	1,122,400
DISTRICT 2	721,100	713,200	31.7	22,574,100
Adair	500	400	30.0	12,000
Allen	4,500	4,300	33.0	141,900
Barren	1,700	1,500	29.0	43,500
Breckinridge	19,400	14,700	30.0	441,000
Bullitt	3,900	3,500	30.0	105,000
Butler	20,600	20,300	29.0	588,700
Casey	600	500	27.0	13,500
Clinton	400	300	30.0	9,000
Cumberland	700	600	28.5	17,100
Edmonson	4,100	3,800	30.0	114,000
Grayson	9,500	8,700	29.0	252,300
Green	800	700	25.0	17,500
Hardin	9,400	9,000	29.0	261,000
Hart	400	300	31.0	9,300
Jefferson	7,300	6,700	32.0	214,400
Larue	4,100	3,800	30.0	114,000
Marion	2,000	1,800	32.0	57,600
Meade	9,100	8,600	30.0	258,000
Metcalfe	300	200	29.0	5,800
Monroe	2,000	1,800	26.0	46,800
Nelson	5,400	5,000	31.0	155,000
Russell	1,800	1,600	30.0	48,000
Taylor	3,500	3,200	31.0	99,200
Warren	35,500	34,400	33.0	1,135,200
DISTRICT 3	147,500	135,700	30.7	4,159,800

District and County	Acres Planted	Acres Harv.	Yield Harv. Acres (Bushels)	Production (Bushels)
Boone	1,300	1,100	28.0	30,800
Carroll	1,200	1,000	30.0	30,000
Gallatin	800	700	27.0	18,900
Grant	300	200	27.0	5,400
Henry	1,400	1,200	28.0	33,600
Kenton	300	200	27.0	5,400
Oldham	2,500	2,200	30.0	66,000
Pendleton	500	400	25.0	10,000
Trimble	3,400	3,100	30.0	93,000
Other Counties	600	500	25.0	12,500
DISTRICT 4	12,300	10,600	28.8	305,600
Bath	300	200	31.0	6,200
Bourbon	1,400	1,200	25.0	30,000
Boyle	1,200	900	34.0	30,600
Clark	500	400	34.0	13,600
Fayette	2,200	1,700	32.0	54,400
Fleming	500	400	33.0	13,200
Franklin	500	400	32.5	13,000
Harrison	900	700	32.0	22,400
Jessamine	300	200	31.0	6,200
Lincoln	300	200	31.0	6,200
Madison	400	300	31.0	9,300
Mason	300	200	34.0	6,800
Mercer	400	300	32.0	9,600
Montgomery	500	400	30.5	12,200
Nicholas	300	200	25.0	5,000
Shelby	6,100	5,200	30.0	156,000
Spencer	1,700	1,400	30.0	42,000
Washington	700	500	31.0	15,500
Woodford	400	300	34.0	10,200
Other Counties	600	400	30.0	12,000
DISTRICT 5	19,500	15,500	30.6	474,400
Greenup	1,500	1,200	32.0	38,400
Lewis	900	700	31.0	21,700
Powell	400	300	33.0	9,900
Pulaski	800	600	33.0	19,800
Rockcastle	600	400	33.0	13,200
Wayne	4,800	4,200	33.0	138,600
Other Counties	1,400	900	29.0	26,100
DISTRICT 6	10,400	8,300	32.3	267,700
STATE	1,350,000	1,320,000	31.0	40,920,000

SOYBEANS, COUNTY ESTIMATES 1978

District and County	Acres Planted	Acres Harv.	Yield Harv. Acres (Bushels)	Production (Bushels)
Ballard	50,500	49,800	29.0	1,444,200
Calloway	63,000	61,000	27.0	1,647,000
Carlisle	23,600	23,000	29.0	667,000
Fulton	57,300	56,500	31.0	1,751,500
Graves	96,500	95,000	27.0	2,565,000
Hickman	58,900	58,200	28.0	1,629,600
Livingston	27,500	26,800	23.0	616,400
Lyon	6,500	6,200	26.0	161,200
McCracken	33,000	32,000	27.0	864,000
Marshall	28,400	27,000	30.0	810,000
Trigg	14,300	13,800	29.0	400,200
DISTRICT 1	459,500	449,300	27.9	12,556,100
Caldwell	23,700	22,500	27.0	607,500
Christian	105,900	104,500	30.0	3,135,000
Crittenden	34,300	33,600	24.0	806,400
Daviess	88,800	87,800	30.0	2,634,000
Hancock	16,400	15,800	29.0	458,200
Henderson	78,600	77,800	31.0	2,411,800
Hopkins	40,800	40,000	28.0	1,120,000
Logan	83,700	82,500	36.0	2,970,000
McLean	52,400	51,800	33.0	1,709,400
Muhlenberg	32,800	32,100	27.0	866,700
Ohio	28,200	27,600	28.0	772,800
Simpson	51,400	50,400	36.0	1,814,400
Todd	60,700	59,900	32.0	1,916,800
Union	31,900	30,900	34.0	1,050,600
Webster	42,200	41,600	30.0	1,248,000
DISTRICT 2	771,800	758,800	31.0	23,521,600
Adair	600	500	31.0	15,500
Allen	5,600	5,.00	31.0	161,200
Barren	2,100	1,900	31.0	58,900
Breckinridge	20,500	19,000	29.0	551,000
Bullitt	4,800	4,300	32.0	137,600
Butler	22,000	21,400	30.0	642,000
Casey	800	700	30.0	21,000
Cumberland	800	700	30.0	21,000
Edmonson	4,800	4,400	30.0	132,000
Grayson	13,000	12,500	30.0	375,000
Green	1,200	1,000	29.0	29,000
Hardin	11,000	10,400	32.0	332,800
Jefferson	8,300	7,600	33.0	250,800
Larue	5,200	4,800	33.0	158,400
Marion	3,000	2,700	30.0	81,000
Meade	11,100	10,600	28.0	296,800
Monroe	2,500	2,200	30.0	66,000
Nelson	7,000	6,500	32.0	208,000
Russell	2,200	1,900	32.0	60,800
Taylor	4,000	3,600	32.0	115,200
Warren	38,000	37,000	31.0	1,147,000
Other Counties	1,400	900	29.0	26,100
DISTRICT 3	169,900	159,800	30.6	4,887,100
Boone	1,500	1,400	30.0	42,000
Carroll	1,400	1,200	29.0	34,800
Gallatin	900	800	30.0	24,000
Henry	1,600	1,400	30.0	42,000
Oldham	2,800	2,500	30.0	75,000
Trimble	3,800	3,500	30.0	105,000
Other Counties	1,000	800	29.0	23,200
DISTRICT 4	13,000	11,600	29.8	346,000
Bourbon	1,600	1,600	30.0	48,000
Boyle	1,600	1,400	33.0	46,200
Clark	600	500	34.0	17,000
Fayette	2,500	2,300	35.0	80,500
Fleming	1,000	800	33.0	26,400
Franklin	600	500	31.0	15,500
Harrison	1,000	900	32.0	28,800
Montgomery	600	500	33.0	16,500
Scott	1,000	800	30.0	24,000
Shelby	6,400	6,200	32.0	198,400
Spencer	1,800	1,600	33.0	52,800
Washington	700	600	30.0	18,000
Woodford	600	500	33.0	16,500
Other Counties	3,400	2,200	31.0	68,200
DISTRICT 5	23,600	20,400	32.2	656,800
Greenup	1,600	1,200	31.0	37,200
Lewis	1,200	1,000	29.0	29,000
Pulaski	1,200	900	33.0	29,700
Rockcastle	600	500	32.0	16,000
Wayne	5,400	5,100	35.0	178,500
Other Counties	2,200	1,400	30.0	42,000
DISTRICT 6	12,200	10,100	32.9	332,400
STATE	1,450,000	1,410,000	30.0	42,300,000

SOYBEANS



A field of soybeans off to a good start in Warren County where a bumper crop is expected this year.

1978 SOYBEAN VARIETY SURVEY

In the past 20 years soybean acreage in Kentucky has increased 8-fold and average yield has gone up about 40 percent. Part of this success story is attributable to improved varieties and use of high quality tested and certified seed.

To keep the industry informed on varieties in current use, periodic variety surveys are conducted using a sample of growers as the source of information. The 1978 study produced no major surprises, but did show some interesting trends.

The last soybean variety survey was conducted in 1963. At that time there were 289,000 acres planted to soybeans with the 3 leading varieties being Clark, Hood and Ogden. None of these made up as much as 1 percent of planted acres in 1978.

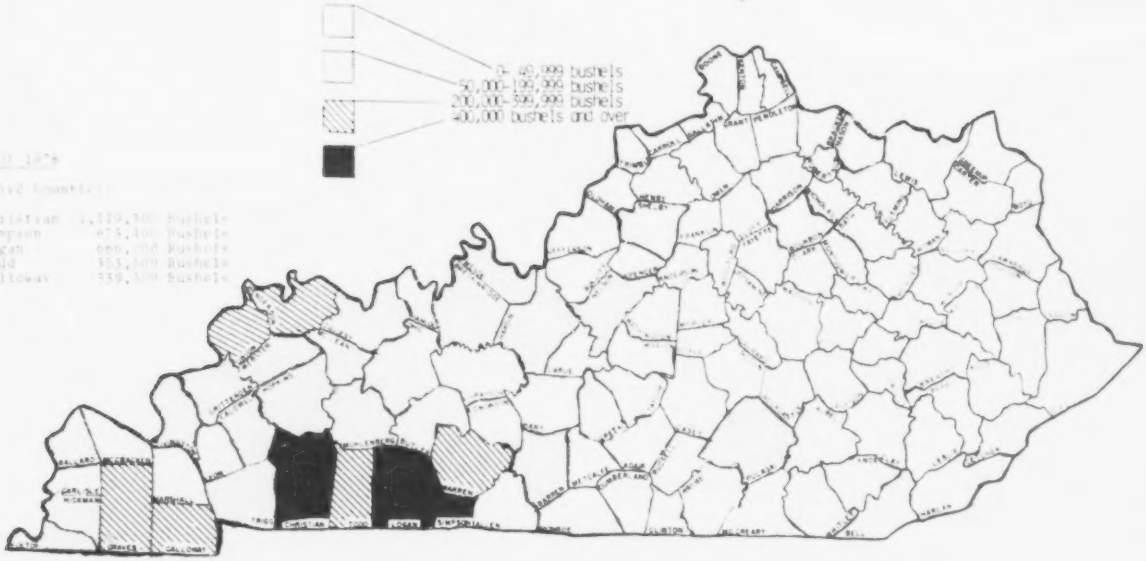
Three varieties, Essex, Williams and Mitchell made up about 70 percent of planted acres. Essex alone had over a third of the State's plantings, or about half a million acres. Essex was particulary popular in the high-acreage counties of Western Kentucky, but lost ground to the shorter season Williams variety in Central counties. Mitchell with 15.0 percent of planted acres is third most popular and is grown primarily in Central and West Central Kentucky. Only 10 varieties had 1 percent or more of planted acres in the State. Part of the sharp increase in yield has been the result of using high quality seed. In all, 94 percent of seed reported in the survey was germination tested. Farmers reported that 62 percent of the soybean acreage was seeded with certified seed. Some of the newer varieties were 100 percent certified.

Soybeans have replaced corn as the number one row crop in Western Kentucky.

WINTER WHEAT, COUNTY ESTIMATES 1978

District and County	Acres Planted	Acres Harv.	Yield Harv. Acres (Bushels)	Production (Bushels)
Ballard	3,200	1,800	37.0	66,600
Calloway	10,500	8,700	39.0	339,300
Carlisle	2,100	1,100	35.0	38,500
Fulton	6,300	4,100	36.0	147,600
Graves	10,500	8,200	34.0	278,800
Hickman	8,400	5,000	31.0	155,000
Livingston	2,500	2,400	37.0	88,800
Lyon	800	500	31.0	15,500
McCracken	2,400	1,200	38.0	45,600
Marshall	2,100	1,000	36.0	36,000
Trigg	4,900	4,700	35.0	164,500
DISTRICT 1	53,700	38,700	35.6	1,376,200
Caldwell	4,200	3,600	30.0	108,000
Christian	30,500	28,700	39.0	1,119,300
Crittenden	2,200	2,100	31.0	65,100
Daviess	4,900	3,200	32.0	102,400
Hancock	1,100	800	29.0	23,200
Henderson	6,300	6,100	39.0	237,900
Hopkins	2,900	2,100	32.0	67,200
Logan	18,300	18,000	37.0	666,000
McLean	3,800	2,500	36.0	90,000
Muhlenberg	1,400	700	29.0	20,300
Ohio	600	500	30.0	15,000
Simpson	20,800	18,200	37.0	673,400
Todd	12,400	10,100	35.0	353,500
Union	8,900	8,600	37.0	318,200
Webster	4,900	4,000	35.0	140,000
DISTRICT 2	123,200	109,200	36.6	3,999,500
Adair	1,500	500	28.0	14,000
Allen	2,600	1,300	28.0	36,400
Barren	3,400	1,700	35.0	59,500
Breckinridge	4,500	2,800	27.0	75,600
Butler	1,100	600	33.0	19,800
Grayson	2,000	900	27.0	24,300
Green	3,000	1,600	29.0	46,400
Hardin	4,200	2,700	31.0	83,700
Jefferson	1,000	500	35.0	17,500
Larue	2,000	1,000	30.0	30,000
Marion	2,300	1,500	32.0	48,000
Meade	4,900	2,800	33.0	92,400
Monroe	900	600	31.0	18,600
Nelson	4,400	2,200	31.0	68,200
Taylor	2,600	1,000	27.0	27,000
Warren	10,700	6,600	33.0	217,800
Other Counties	4,700	1,400	29.0	40,600
DISTRICT 3	55,800	29,700	31.0	919,800
Bracken	900	500	29.0	14,500
Henry	1,400	500	31.0	15,500
Oldham	1,500	1,000	36.0	36,000
Trimble	1,300	600	32.0	19,200
Other Counties	2,100	400	27.0	10,800
DISTRICT 4	7,200	3,000	32.0	96,000
Bourbon	3,900	1,600	30.0	48,000
Boyle	1,700	700	26.0	18,200
Clark	1,800	600	34.0	20,400
Fayette	1,900	700	29.0	20,300
Harrison	2,000	500	31.0	15,500
Mason	3,300	1,500	30.0	45,000
Mercer	1,100	500	26.0	13,000
Scott	1,700	600	32.0	19,200
Shelby	3,900	1,600	30.0	48,000
Spencer	1,400	500	28.0	14,000
Washington	1,900	700	31.0	21,700
Woodford	1,300	500	30.0	15,000
Other Counties	7,000	900	26.0	23,400
DISTRICT 5	32,900	10,900	29.5	321,700
Pulaski	2,900	1,500	34.0	51,000
Wayne	2,800	1,400	31.0	43,400
Other Counties	1,500	600	29.0	17,400
DISTRICT 6	7,200	3,500	31.9	111,800
STATE	280,000	195,000	35.0	6,825,000

WINTER WHEAT



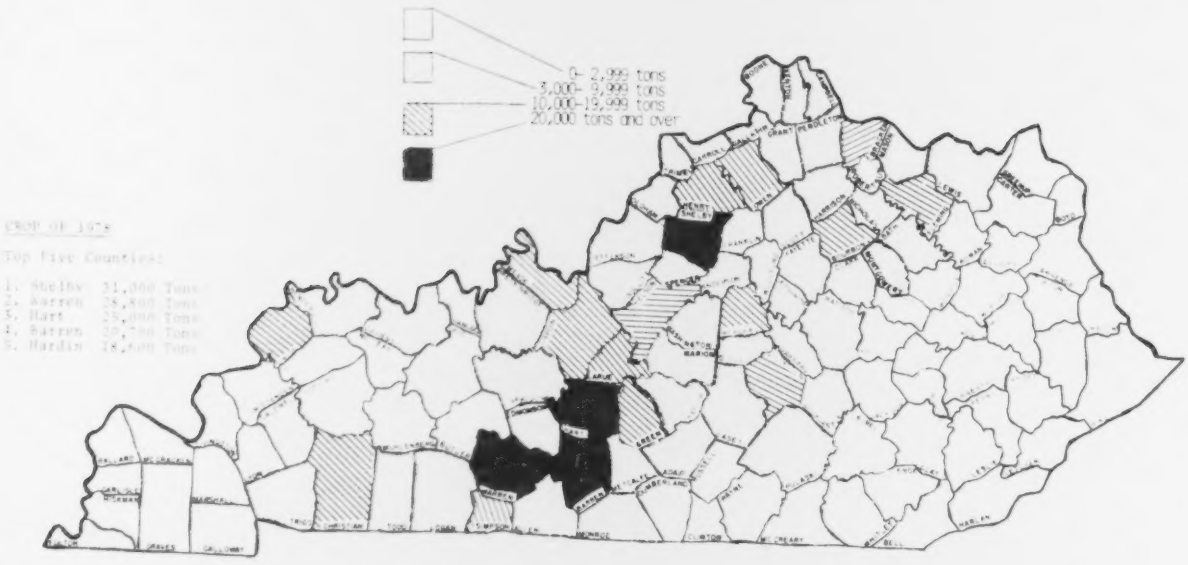
BARLEY, COUNTY ESTIMATES 1978

District and County	Acres Planted	Acres Harvested	Yield Harvested Acres (Bushels)	Production (Bushels)
Other Counties	2,100	1,200	40.0	48,000
DISTRICT 1	2,100	1,200	40.0	48,000
Christian	4,600	3,200	46.0	147,200
Logan	5,800	4,000	48.0	192,000
Simpson	5,300	4,100	45.0	184,500
Todd	4,400	2,700	44.0	118,800
Other Counties	1,700	800	41.0	32,800
DISTRICT 2	21,800	14,800	45.6	675,300
Hardin	1,300	700	40.0	28,000
Meade	1,500	900	39.0	35,100
Other Counties	5,100	3,000	35.0	105,000
DISTRICT 3	7,900	4,600	36.5	168,100
Oldham	900	700	44.0	30,800
Other Counties	600	300	38.0	11,400
DISTRICT 4	1,500	1,000	42.2	42,200
Other Counties	2,700	1,000	39.0	39,000
DISTRICT 5	2,700	1,000	39.0	39,000
Other Counties	1,000	400	41.0	16,400
DISTRICT 6	1,000	400	41.0	16,400
STATE	37,000	23,000	43.0	989,000

ALFALFA HAY, COUNTY ESTIMATES 1978

District and County	Harv. Acres	Yield Per Acre (Tons)	Production (Tons)
Ballard	500	3.30	1,700
Fulton	1,100	3.20	3,500
Graves	600	2.80	1,700
Lyon	500	3.60	1,800
Trigg	1,600	2.30	3,700
Other Counties	1,600	2.20	3,500
DISTRICT 1	5,900	2.69	15,900
Caldwell	2,100	3.40	7,100
Christian	4,000	2.70	10,800
Crittenden	800	2.10	1,700
Daviess	2,500	3.00	7,500
Henderson	1,600	2.80	4,500
Logan	3,100	3.20	9,900
Simpson	3,300	3.60	11,900
Todd	2,400	3.80	9,100
Union	3,200	3.70	11,800
Webster	600	3.30	2,000
Other Counties	1,000	2.10	2,100
DISTRICT 2	24,600	3.19	78,400
Adair	1,800	3.70	6,700
Allen	900	2.70	2,400
Barren	5,900	3.50	20,700
Breckinridge	2,600	2.40	6,200
Bullitt	1,700	3.10	5,300
Casey	1,700	2.20	3,700
Edmonson	900	2.90	2,600
Grayson	1,300	2.80	3,600
Green	3,300	3.40	11,200
Hardin	6,400	2.90	18,600
Hart	7,800	3.20	25,000
Jefferson	2,000	3.40	6,800
Larue	5,400	3.20	17,300
Marion	3,600	2.20	7,900
Meade	3,500	3.20	11,200
Metcalfe	2,100	3.10	9,600
Monroe	1,400	3.60	5,000
Nelson	5,800	2.80	16,200
Taylor	2,300	3.80	8,700
Warren	9,300	3.10	28,800
Other Counties	1,500	2.00	3,000
DISTRICT 3	72,200	3.05	220,500
Boone	2,800	3.30	9,200
Bracken	3,500	3.20	11,200
Campbell	2,200	2.50	5,500
Carroll	1,800	2.40	4,300
Gallatin	1,900	3.50	6,700
Grant	3,800	2.40	9,100
Henry	4,500	3.00	13,500
Kenton	1,800	2.50	4,500
Oldham	3,200	3.00	9,600
Owen	3,500	3.50	12,300
Pendleton	3,000	2.70	8,100
Trimble	2,500	3.30	8,300
DISTRICT 4	34,500	2.97	102,300
Anderson	2,800	2.60	7,300
Bath	1,300	2.40	3,100
Bourbon	3,000	3.70	11,100
Boyle	2,200	2.80	6,200
Clark	1,800	2.50	4,500
Fayette	2,500	3.10	7,800
Fleming	4,800	2.70	13,000
Franklin	700	2.00	1,400
Garrard	1,200	3.20	3,800
Harrison	3,200	3.00	9,600
Jessamine	1,300	3.00	3,900
Lincoln	4,300	3.20	13,800
Madison	1,400	3.30	4,600
Mason	2,800	3.00	8,400
Mercer	4,700	3.20	15,000
Montgomery	1,100	2.70	3,000
Nicholas	1,300	3.10	4,000
Robertson	500	2.20	1,100
Scott	1,900	2.50	4,800
Shelby	9,700	3.20	31,000
Spencer	3,400	2.70	9,200
Washington	4,000	2.40	9,600
Woodford	1,900	3.60	6,800
DISTRICT 5	61,800	2.96	183,000
Greenup	600	2.70	1,600
Lewis	3,500	2.50	8,800
Pulaski	1,800	3.20	5,800
Rockcastle	1,400	3.10	4,300
Other Counties	1,700	2.00	3,400
DISTRICT 6	9,000	2.66	23,900
STATE	208,000	3.00	624,000

ALFALFA HAY



CROP OF 1978

Top Five Counties:

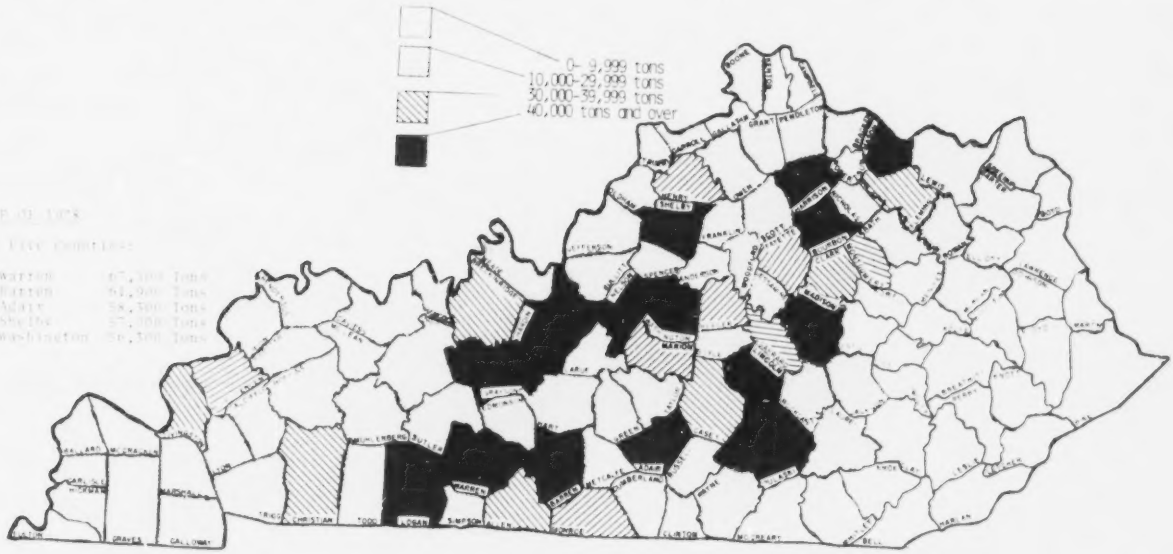
1. Shelby 31,000 Tons
2. Warren 28,800 Tons
3. Hart 25,000 Tons
4. Barren 20,700 Tons
5. Hardin 18,600 Tons

ALL OTHER HAY, COUNTY ESTIMATES 1978

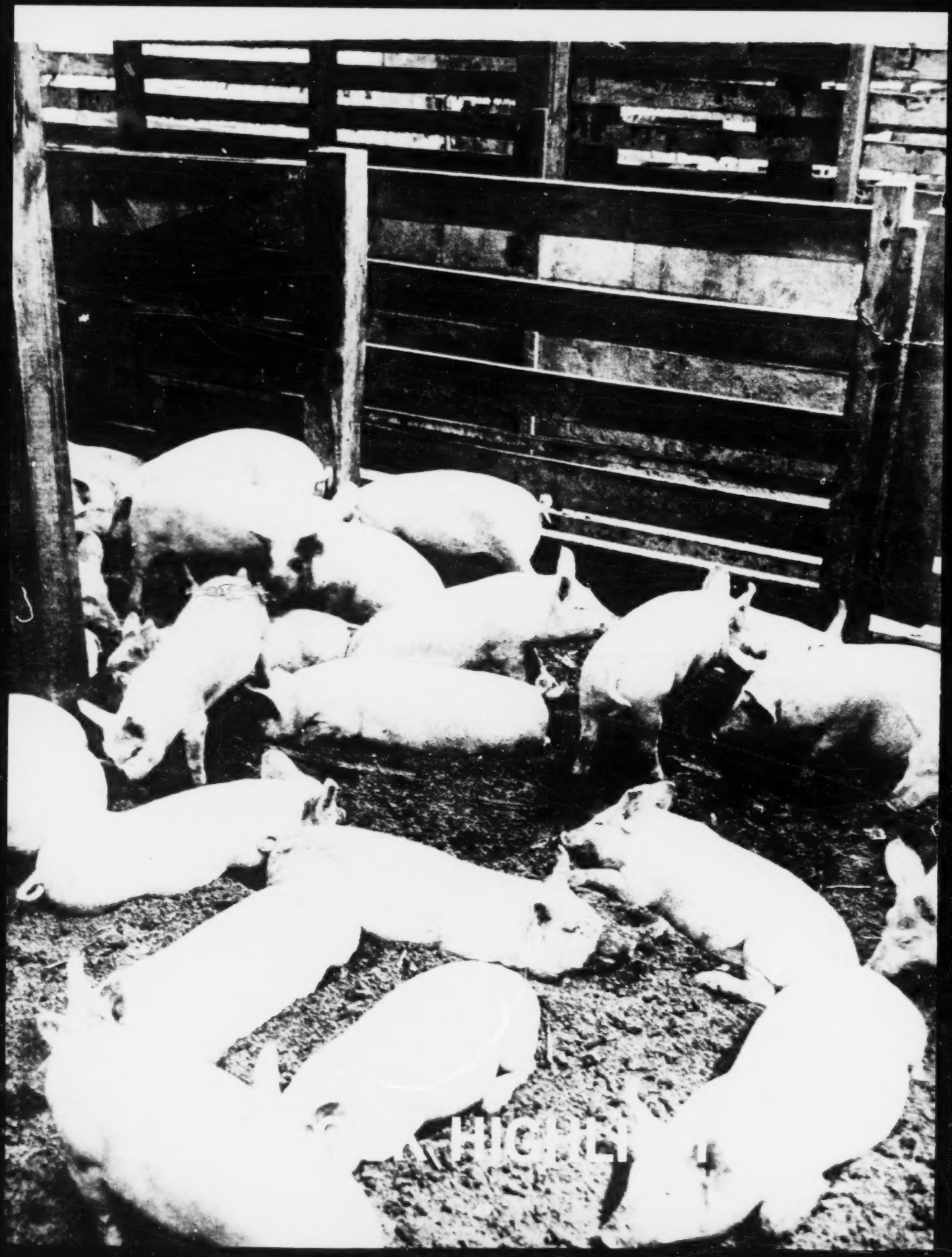
District and County	Harv. Acres	Yield Per Acre (Tons)	Production (Tons)
Ballard	6,600	1.70	11,200
Calloway	6,700	2.10	14,100
Carlisle	7,300	1.50	11,000
Fulton	3,300	1.80	5,900
Graves	11,500	1.50	17,300
Hickman	5,800	2.10	12,200
Livingston	17,200	1.80	31,000
[illegible]	9,000	1.70	15,300
[illegible]ken	5,100	1.50	7,700
Marshall	7,000	1.70	11,900
Trigg	9,100	1.40	12,700
DISTRICT 1	88,600	1.70	150,300
Caldwell	15,200	1.80	27,400
Christian	20,200	1.60	32,300
Crittenden	18,100	1.70	30,800
Daviess	12,100	1.70	20,600
Hancock	5,600	2.00	11,200
Henderson	12,100	1.80	21,800
Hopkins	11,600	1.80	20,900
Logan	27,000	1.60	43,200
Mclean	5,600	1.90	10,600
Muhlenberg	11,100	1.50	16,700
Ohio	11,400	1.80	20,500
Simpson	8,100	1.70	13,500
Todd	12,300	2.00	24,600
Union	11,200	1.50	16,800
Webster	10,300	1.50	15,500
DISTRICT 2	192,900	1.70	328,400
Adair	23,300	2.50	58,300
Allen	16,500	2.00	33,000
Barren	32,600	1.90	61,900
Breckinridge	23,300	1.70	39,600
Bullitt	9,500	1.70	16,200
Butler	11,900	1.80	21,400
Casey	18,100	2.00	36,200
Clinton	10,300	1.50	15,500
Cumberland	7,600	2.30	17,500
Edmonson	8,300	2.00	16,600
Grayson	25,000	1.80	45,000
Green	15,800	1.50	23,700
Hardin	27,500	1.70	46,800
Hart	14,000	2.00	28,000
Jefferson	10,600	2.20	23,300
Larue	12,500	1.90	23,800
Marion	20,000	1.70	34,000
Meade	15,000	1.80	27,000
Metcalfe	15,200	1.90	28,900
Monroe	18,000	2.10	37,800
Nelson	27,000	1.50	40,500
Russell	12,200	1.50	18,300
Taylor	14,300	2.00	28,600
Warren	37,500	1.80	67,500
DISTRICT 3	426,000	1.85	789,400
Boone	9,600	1.80	17,300
Bracken	8,400	2.10	17,600
Campbell	4,800	1.60	7,700
Carroll	4,800	2.10	10,100
Gallatin	3,400	1.70	5,800
Grant	8,800	1.50	13,200
Henry	18,000	2.00	36,000
Kenton	5,000	1.70	8,500
Oldham	9,600	2.10	20,200
Owen	14,800	1.70	25,200
Pendleton	11,800	1.70	20,100
Trimble	6,000	1.90	11,400
DISTRICT 4	105,000	1.84	193,100

District and County	Harv. Acres	Yield Per Acre (Tons)	Production (Tons)
Anderson	9,800	1.80	17,600
Bath	13,000	2.00	26,000
Bourbon	23,000	2.00	46,000
Boyle	18,000	1.60	28,800
Clark	18,500	1.90	35,200
Fayette	19,100	1.60	30,600
Fleming	23,000	1.70	39,100
Franklin	11,700	1.80	21,100
Garrard	17,200	1.80	31,000
Harrison	25,000	1.80	45,000
Jessamine	14,000	1.70	23,800
Lincoln	24,000	1.90	45,600
Madison	20,500	2.00	41,000
Mason	20,500	2.00	41,000
Mercer	19,500	2.00	39,000
Montgomery	20,000	1.80	36,000
Nicholas	15,000	1.60	24,000
Robertson	6,700	1.40	9,400
Scott	19,900	1.50	29,900
Shelby	30,000	1.90	57,000
Spencer	13,000	1.80	23,400
Washington	25,600	2.20	56,300
Woodford	17,200	1.70	29,200
DISTRICT 5	424,200	1.83	776,000
Bell	800	1.40	1,100
Boyd	2,000	1.60	3,200
Breathitt	700	2.30	1,600
Carter	7,600	1.70	12,900
Clay	3,800	1.70	6,500
Elliott	5,200	1.70	8,800
Estill	4,700	1.50	7,100
Floyd	1,300	1.40	1,800
Greenup	6,100	1.70	10,400
Harlan	600	1.40	800
Jackson	8,900	1.70	15,100
Johnson	1,600	1.90	3,000
Knott	500	1.50	800
Knox	4,700	1.40	6,600
Laurel	15,000	1.40	21,000
Lawrence	3,500	1.50	5,300
Lee	1,800	2.20	4,000
Lewis	13,200	1.70	22,400
McCreary	1,500	1.40	2,100
Magoffin	1,800	1.60	2,900
Menifee	2,800	1.60	4,500
Morgan	7,700	1.80	13,900
Owsley	1,700	1.70	2,900
Pike	900	1.60	1,400
Powell	4,600	1.80	8,300
Pulaski	31,000	1.80	55,800
Rockcastle	11,200	2.10	23,500
Rowan	6,300	1.80	11,300
Wayne	11,500	2.20	25,300
Whitley	5,400	1.50	8,100
Wolfe	3,600	1.70	6,100
Other Counties	1,300	1.80	2,300
DISTRICT 6	173,300	1.74	300,800
STATE	1,410,000	1.80	2,538,000

ALL OTHER HAY



More and more farmers are turning to large round bales of hay to save on labor and time.



LIVESTOCK HIGHLIGHTS

CATTLE AND CALVES

On January 1, 1979, there were 2,600,000 cattle and calves on Kentucky farms. This was the fourth year in a row that cattle numbers have decreased. The 1979 inventory was 17 percent below the January 1, 1978 figure and is the smallest January inventory since the 2,543,000 on farms January 1, 1967. Cattle inventory has declined 1,150,000 head in the four years since the record high of 3,750,000 head on January 1, 1975. Two harsh winters, a smaller calf crop and previously depressed prices combined to bring about the lower inventory. Beef cows, at 1,070,000 head, were down 15 percent from a year earlier, while milk cows, at 265,000 head, were down 4 percent. There were 1,270,000 calves born in 1978, compared to 1,400,000 the previous year, and 1,450,000 in 1976. The 1978 value of production from cattle and calves was $410.6 million, up $120.3 million from 1977.

HOGS AND PIGS

The number of hogs and pigs on Kentucky farms on March 1, 1979, totaled 1,190,000 -- 17 percent above the 1978 and 1977 total of 1,020,000. The March 1 inventory is the largest for March 1 since the 1,240,000 on hand in 1973. The March 1 estimate is also up 40,000 head from the previous December and is the first time since quarterly estimates were started in 1973 that the March 1 inventory was larger than the previous December. The December 1978--February 1979 pig crop totaled 427,000 pigs, an increase of 25 percent from a year earlier. The larger pig crop resulted from increased farrowings and more pigs saved per litter than last year. A milder winter and fewer disease problems contributed to the increased farrowings and litter rate. The December 1, 1978 inventory was 1,150,000, compared to 1,140,000 for December 1, 1977. The value of 1978 hog and pig production totaled $164.0 million, an increase of 23 percent from 1977.

SHEEP AND LAMBS

Sheep and lamb numbers on Kentucky farms for January 1, 1979, totaled 22,000 head -- 21 percent below 1978 and the 21st year in a row that sheep numbers have been on the decline. Lamb crop for 1978 totaled 24,000 head, 4,000 head below the 1977 total. Value of the 1978 production of sheep and lambs totaled $821,000, 8 percent below last year.

LIVESTOCK OF ALL AGES ON FARMS

JANUARY 1, 1978 and 1979

Class of Livestock or Poultry	Year	KENTUCKY			UNITED STATES		
		Number	Value		Number	Value	
		(000)	Per Head	Total (000)	(000)	Per Head	Total (000)
			(Dollars)			(Dollars)	
ALL CATTLE	1978	3,120	210.00	655,200	116,375	232.00	27,055,060
AND CALVES	1979	2,600	370.00	962,000	110,864	403.00	44,661,338
COWS and	1978	1,530	- -	- -	49,748	- -	- - -
HEIFERS THAT	1979	1,335	- -	- -	47,843	- -	- - -
HAVE CALVED 1/							
HOGS and	1977	1,140	56.50	64,410	56,539	63.20	3,575,279
PIGS 2/	1978	1,150	75.00	86,250	59,860	83.30	4,986,498
SHEEP	1978	28	41.50	1,162	12,348	51.50	636,088
and LAMBS	1979	22	52.50	1,155	12,224	71.70	876,240
TOTAL ALL	1978	- -	- -	720,772	- -	- -	31,266,427
LIVESTOCK	1979	- -	- -	1,049,405	- -	- -	50,524,076
SHOWN ABOVE							
CHICKENS 2/	1977	3,500	1.90	6,650	386,429	1.69	652,308
	1978	3,500	1.75	6,125	394,505	1.75	691,327
TOTAL ALL							
LIVESTOCK	1978	- -	- -	727,422	- -	- -	31,918,735
AND POULTRY	1979	- -	- -	1,055,530	- -	- -	51,215,403

1/ Included in ALL CATTLE and CALVES.
2/ Number and value as of December 1.

KENTUCKY LIVESTOCK NUMBERS BY CLASS

CLASSES	January 1 1978	January 1 1979	1979 as % of 1978
	(Thousands)		(Percent)
Cows and Heifers that have calved	1,530	1,335	87
Beef Cows	1,253	1,070	85
Milk Cows	277	265	96
Heifers 500 Pounds and over	402	325	81
For Beef Cow replacement	180	156	87
For Milk Cow replacement	97	81	84
Other Heifers	125	88	70
Steers 500 Pounds and over	307	213	69
Bulls 500 Pounds and over	81	73	90
Heifers, Steers and Bulls under 500 Pounds	800	654	82
TOTAL ALL CATTLE	3,120	2,600	83
Ewes 1 year and over	22	18	82
Ewe Lambs	4	2	50
Other Stock Sheep	2	2	100
TOTAL SHEEP AND LAMBS	28	22	79
ALL HOGS AND PIGS 1/	1,140	1,150	101

1/ December 1, preceding year.

HOGS: NUMBERS ON FARMS BY QUARTERS

KENTUCKY, 1975 - 1979 1/

	1979 1/	1978	1977	1976	1975
March			(Thousand Head)		
All hogs and pigs	1160	1020	1020	950	950
Breeding hogs	208	179	173	166	146
Market hogs	952	841	847	784	804
June					
All hogs and pigs	1270	1000	1070	1050	925
Breeding hogs	245	190	185	184	148
Market hogs	1025	810	885	866	777
September					
All hogs and pigs		1080	1120	1075	900
Breeding hogs		189	195	185	144
Market hogs		891	925	890	756
December					
All hogs and pigs		1150	1140	1080	1000
Breeding hogs		201	184	173	168
Market hogs		949	956	907	832

1/ Preliminary

SPRING AND FALL SOWS FARROWING AND PIG CROPS

Year	December - May (Spring)			June - November (Fall)		
	Sows Farrowing	Pigs per Litter	Pigs Saved	Sows Farrowing	Pigs per Litter	Pigs Saved
	(000)		(000)	(000)		(000)
1974	150	7.20	1080	121	7.10	859
1975	105	7.05	740	102	7.25	740
1976	116	7.18	833	121	7.17	867
1977	127	6.44	818	133	7.11	946
1978	126	6.22	784	138	7.20	994
1979	158	6.54	1034	180 1/		

1/ Intentions

MEAT ANIMALS

NUMBER, PRODUCTION, DISPOSITION, PRICE AND INCOME, 1976-1978

CATTLE AND CALVES	1976	1977	1978
		(Thousands)	
Number on Hand January 1	3,450	3,300	3,120
Calf Crop			
Calves Born	1,450	1,400	1,270
Inshipments	140	140	75
Marketings 1/			
Cattle	948	1,043	1,199
Calves	632	464	490
Farm Slaughter	15	18	16
Deaths			
Cattle	50	55	40
Calves	95	140	120
		(Thousand Pounds)	
Production 2/			
Total Cattle and Calves	920,820	899,890	863,380
Marketings 1/	1,047,950	1,064,990	1,210,560
		(Thousand Dollars)	
Price per 100 Pounds			
Cattle	31.40	31.60	46.60
Calves	34.60	37.00	56.00
Cash Receipts from Sales 3/	334,811	343,081	576,277
Value of Home consumption	9,074	15,291	19,498
Gross Income	343,885	358,372	595,775

HOGS	1976	1977	1978
		(Thousands)	
Number on Hand Dec. Preceding Year	1,000	1,080	1,140
Spring Pig Crop (Dec. - May)			
Sows Farrowed	116	127	126
Pigs Saved	833	818	784
Fall Pig Crop (June - Nov.)			
Sows Farrowed	121	133	138
Pigs Saved	867	946	994
Inshipments	100	75	50
Marketings (Outshipments) 1/	1,500	1,544	1,568
Farm Slaughter	80	75	70
Deaths	140	160	180
		(Thousand Pounds)	
Production 2/	331,999	341,632	355,012
Marketings 1/	300,780	310,820	321,650
		(Thousand Dollars)	
Price per 100 Pounds	44.10	39.10	46.20
Cash Receipts from Sales 3/	132,644	121,531	148,602
Value of Home Consumption	14,818	10,264	15,847
Gross Income	147,462	131,795	164,449

*Preliminary.

1/ Excludes inter-farm sales within the State.

2/ Adjustments made for changes in inventory and for inshipments.

3/ Receipts from marketings and sale of farm slaughter.

RANK OF STATES
IN NUMBER OF CATTLE & CALVES ON FARMS

January 1, 1979

RANK	ALL CATTLE AND CALVES		COWS AND HEIFERS THAT HAVE CALVED			
			Beef Cows		Milk Cows	
	State	1,000 Head	State	1,000 Head	State	1,000 Head
1.	Texas	13,900	Texas	5,890	Wisconsin	1,810
2.	Iowa	7,300	Missouri	2,284	New York	904
3.	Nebraska	6,450	Oklahoma	2,138	California	860
4.	Kansas	6,200	Nebraska	1,977	Minnesota	850
5.	Missouri	5,500	Kansas	1,754	Pennsylvania	703
6.	Oklahoma	5,300	Iowa	1,684	Michigan	402
7.	California	4,700	Montana	1,453	Ohio	382
8.	Wisconsin	4,100	South Dakota	1,391	Iowa	374
9.	South Dakota	3,750	Florida	1,149	Texas	310
10.	Minnesota	3,650	KENTUCKY	1,070	Missouri	276
11.	Colorado	3,090	Tennessee	1,050	KENTUCKY	265
12.	Illinois	2,850	Arkansas	1,040	Illinois	236
13.	Montana	2,607	North Dakota	961	Tennessee	210
14.	KENTUCKY	2,600	Mississippi	950	Indiana	202
15.	Tennessee	2,350	California	930	Washington	190
16.	Florida	2,180	Alabama	901	Florida	189
17.	Arkansas	2,000	Colorado	843	Vermont	189
18.	North Dakota	1,967	Illinois	747	Virginia	172
19.	Idaho	1,900	Georgia	731	South Dakota	169
20.	Ohio	1,850	Louisiana	703	North Carolina	143
21.	Pennsylvania	1,840	Wyoming	613	Idaho	141
22.	Alabama	1,820	New Mexico	602	Kansas	136
23.	Mississippi	1,790	Oregon	597	Maryland	134
24.	Indiana	1,750	Virginia	588	Georgia	129
25.	New York	1,711	Idaho	584	Louisiana	127
26.	Georgia	1,650	Minnesota	530	Nebraska	123
27.	Virginia	1,550	Indiana	482	Oklahoma	112
28.	New Mexico	1,500	North Carolina	402	Mississippi	103
29.	Oregon	1,475	Ohio	388	North Dakota	97
30.	Washington	1,375	Washington	380	Oregon	93
31.	Louisiana	1,350	Utah	312	Arkansas	90
32.	Wyoming	1,300	Arizona	287	Alabama	84
33.	Michigan	1,250	Nevada	280	Utah	77
34.	Arizona	1,200	South Carolina	254	Colorado	72
35.	North Carolina	1,080	West Virginia	233	Arizona	70
36.	Utah	810	Wisconsin	228	Maine	56
37.	South Carolina	575	Pennsylvania	171	South Carolina	51
38.	Nevada	560	Michigan	138	Connecticut	49
39.	West Virginia	535	Hawaii	78	Massachusetts	46
40.	Maryland	370	New York	75	New Jersey	43
41.	Vermont	320	Maryland	59	West Virginia	37
42.	Hawaii	215	New Jersey	15	New Mexico	33
43.	Maine	124	Vermont	10	New Hampshire	30
44.	New Jersey	108	Connecticut	9	Montana	27
45.	Connecticut	101	Massachusetts	9	Nevada	15
46.	Massachusetts	95	Maine	9	Hawaii	13
47.	New Hampshire	68	New Hampshire	4	Delaware	12
48.	Delaware	30	Delaware	3	Wyoming	11
49.	Rhode Island	9.0	Alaska	2.2	Rhode Island	5.0
50.	Alaska	8.5	Rhode Island	1.0	Alaska	1.3
United States		110,864		36,989		10,853

RANK OF STATES IN NUMBER OF SHEEP AND LAMBS, ALL HOGS AND ALL CHICKENS ON FARMS

January 1, 1979

RANK	ALL SHEEP & LAMBS 1/		ALL HOGS 2/		ALL CHICKENS 2/ 3/	
	State	1,000 Head	State	1,000 Head	State	1,000 Head
1.	Texas	2,415	Iowa	15,100	California	46,020
2.	California	1,150	Illinois	6,550	Georgia	35,870
3.	Wyoming	1,105	Indiana	4,400	Arkansas	25,134
4.	Colorado	795	Minnesota	4,100	Indiana	20,900
5.	South Dakota	740	Missouri	4,100	N. Carolina	20,700
6.	New Mexico	604	Nebraska	3,650	Alabama	20,600
7.	Utah	486	N. Carolina	2,350	Pennsylvania	18,625
8.	Montana	475	Kansas	1,960	Florida	17,302
9.	Idaho	466	Ohio	1,900	Texas	16,800
10.	Arizona	465	Georgia	1,800	Ohio	12,250
11.	Oregon	460	Wisconsin	1,650	Maine	12,170
12.	Iowa	380	South Dakota	1,620	Minnesota	11,920
13.	Ohio	350	Tennessee	1,300	Mississippi	10,827
14.	Minnesota	255	Kentucky	1,150	Iowa	10,700
15.	Kansas	208	Pennsylvania	820	New York	9,850
16.	North Dakota	198	Michigan	810	Michigan	8,140
17.	Illinois	184	Texas	800	S. Carolina	8,050
18.	Nebraska	175	Alabama	700	Missouri	8,000
19.	Indiana	171	Virginia	670	Illinois	7,600
20.	Virginia	160	South Carolina	525	Washington	6,234
21.	Missouri	126	Mississippi	410	Connecticut	5,940
22.	Michigan	121	Arkansas	400	Virginia	5,541
23.	West Virginia	115	Florida	360	Wisconsin	5,400
24.	Nevada	114	North Dakota	335	Tennessee	5,350
25.	Wisconsin	95	Colorado	330	Nebraska	4,200
26.	Oklahoma	89	Oklahoma	315	Oklahoma	3,700
27.	Pennsylvania	75	Montana	222	Louisiana	3,590
28.	New York	63	Maryland	215	Kentucky	3,500
29.	Washington	56	California	190	South Dakota	2,968
30.	Kentucky	22	Arizona	144	Colorado	2,950
31.	Maryland	19	New York	140	Oregon	2,900
32.	Tennessee	13	Louisiana	140	Kansas	2,600
33.	Louisiana	13	Oregon	100	Utah	2,150
34.	Maine	12	Idaho	79	New Mexico	2,110
35.	New Jersey	9.6	New Jersey	67	Maryland	1,775
36.	Vermont	8	Washington	64	New Jersey	1,728
37.	North Carolina	7	Massachusetts	60	Massachusetts	1,580
38.	New Hampshire	6.9	Hawaii	54	New Hampshire	1,360
39.	Massachusetts	6.7	Delaware	50	Hawaii	1,333
40.	Alaska	5.5	New Mexico	50	Idaho	1,211
41.	Connecticut	5.1	West Virginia	50	West Virginia	1,020
42.			Utah	49	Delaware	980
43.			Wyoming	30	Montana	930
44.			Rhode Island	9.9	Vermont	570
45.			Maine	9.0	Arizona	570
46.			Connecticut	8.5	North Dakota	455
47.			New Hampshire	8.4	Rhode Island	273
48.			Nevada	8.0	Wyoming	90
49.			Vermont	6.3	Alaska	26
50.			Alaska	1.1	Nevada	13
UNITED STATES 4/		12,223.8		59,860		394,505

1/ Estimates discontinued for states not listed. 2/ December 1 preceding year. 3/ Excludes commercial broilers. 4/ Sum of states may not add to United States total due to rounding of state estimates.

KENTUCKY LIVESTOCK SLAUGHTER - 1978

MONTH	CATTLE			CALVES		
	Number	Average Pounds Live Weight	Total Liveweight (Thousand Pounds)	Number	Average Pounds Live Weight	Total Liveweight (Thousand Pounds)
January	26,800	935	25,060	3,700 1/	196	734
February	30,600	940	28,816	2,800 1/	289	811
March	32,100	937	30,075	1,500 1/	280	425
April	29,400	918	26,992	100	252	21
May	29,900	906	27,050	100	275	32
June	26,300	904	23,803	100	246	20
July	26,900	905	24,348	100	241	15
August	29,400	909	26,690	100	253	24
September	27,900	927	25,864	100	243	20
October	33,500	932	31,177	100	251	28
November	29,700	946	28,051	200	303	48
December	25,700	947	24,319	100	292	35
Total Commercial	348,100	926	322,246	9,000	247	2,214
Farm Slaughter	16,100 2/			2/		
TOTAL	364,100					

1/ Major slaughtering plant went out of business March 1978.
2/ Cattle and calf "Farm Slaughter" combined.

MONTH	HOGS			SHEEP & LAMBS		
	Number	Average Pounds Live Weight	Total Liveweight (Thousand Pounds)	Number	Average Pounds Live Weight	Total Liveweight (Thousand Pounds)
January	131,800	237	31,211	700	101	66
February	149,400	244	36,447	600	111	67
March	164,800	236	38,923	800	108	81
April	154,900	241	37,391	900	103	96
May	153,900	245	37,780	600	100	57
June	150,200	248	37,315	1,000	98	100
July	148,600	245	36,365	1,300	103	131
August	161,300	242	38,998	1,400	102	143
September	155,200	246	38,214	1,300	96	120
October	168,700	252	42,560	1,200	97	112
November	176,600	261	46,040	1,100	105	115
December	158,500	263	41,700	1,000	101	100
Total Commercial	1,873,900	247	462,944	11,700	102	1,188
Farm Slaughter	70,000			1,000		
TOTAL	1,943,900			12,700		

NOTE: "Total Commercial" includes slaughter in Federally Inspected Plants and other slaughter plants, but excludes animals slaughtered on farms.

RANK OF STATES, BY NUMBER OF HEAD SLAUGHTERED, 1978

RANK	CATTLE		CALVES		HOGS		SHEEP AND LAMBS	
	State	Total Number (1000 Head)	State	Total Number (1000 Head)	State	Total Number (1000 Head)	State	Total Number (1000 Head)
1.	Texas	5,915.0	New York	895.0	Iowa	19,464.6	Colorado	1,387.6
2.	Nebraska	5,311.4	Wisconsin	409.4	Illinois	5,657.2	Calif.	1,029.8
3.	Iowa	3,871.0	Pa.	351.9	Minn.	5,058.3	Michigan	224.9
4.	Kansas	2,824.7	Calif.	257.2	Nebraska	3,712.0	Pa.	119.6
5.	Colorado	2,689.8	Texas	166.3	Ohio	3,417.2	New Mexico	78.3
6.	Calif.	2,291.6	N. J.	163.9	Pa.	2,916.3	New York	42.9
7.	Illinois	1,344.4	Georgia	97.9	Indiana	2,880.6	Ohio	5.9
8.	Minn.	1,254.4	Michigan	86.1	Missouri	2,785.0	Mass.	3.9
9.	Wisc.	1,121.4	Mass.	38.2	Virginia	2,757.2	Connecticut	2.3
10.	Missouri	993.9	Washington	34.5	Wisc.	2,573.0	Montana	1.7
11.	Pa.	864.6	Ohio	4.5	Tenn.	2,384.0	Virginia	1.5
12.	Washington	709.5	Oklahoma	.2	Kentucky	1,845.4	Tennessee	.7
13.	S. Dakota	698.4	Colorado	.1	N. C.	1,663.2	Maine	.5
14.	Ohio	684.7			Georgia	1,258.0	Nebraska	.4
15.	Idaho	654.2			Miss.	1,239.6	North Dakota	.4
16.	Oklahoma	627.0			Texas	891.2	Indiana	.3
17.	New Mexico	530.9			Washington	538.0	Louisiana	.1
18.	Florida	423.8			Oregon	151.5	North Carolina	.1
19.	Michigan	389.7			N. D.	11.8	Oklahoma	.1
20.	Georgia	354.6			Mass.	7.1		
21.	Tennessee	353.3			Nevada	3.7		
22.	Kentucky	318.0						
23.	New York	317.6						
24.	Indiana	308.7						
25.	Miss.	283.3						
OTHER STATES		1,811.6		1,115.0		12,923.9		2,268.1
U. S.		36,947.5		3,620.2		74,138.9		5,169.0

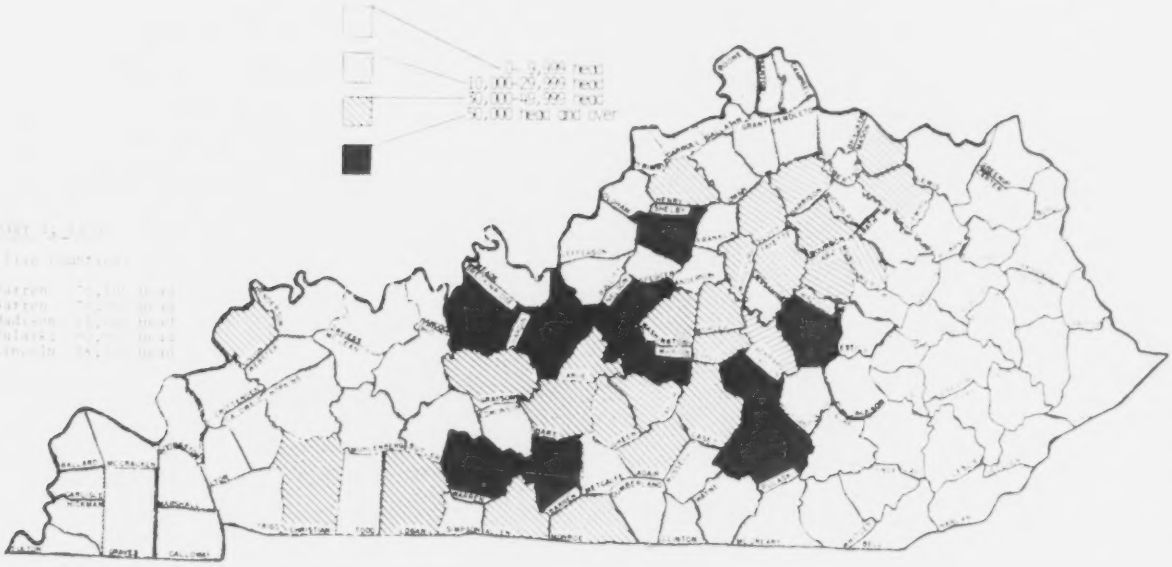
1/ Total may not add due to rounding.

Meat inspectors grading carcasses of cattle at the Fischer Packing Company.

ALL CATTLE AND CALVES ON FARMS, COUNTY ESTIMATES - JANUARY 1, 1978 & 1979

District and County	January 1 1978 (Number)	January 1 1979 (Number)
Ballard	14,000	10,000
Calloway	20,700	15,000
Carlisle	14,300	10,500
Fulton	8,900	7,000
Graves	30,300	22,500
Hickman	16,000	12,000
Livingston	33,000	23,000
Lyon	8,400	7,000
McCracken	9,800	7,500
Marshall	16,300	12,000
Trigg	23,300	17,500
DISTRICT 1	195,000	144,000
Caldwell	25,900	20,000
Christian	50,500	41,500
Crittenden	28,800	22,000
Daviess	35,000	28,500
Hancock	11,100	8,000
Henderson	26,500	21,000
Hopkins	19,700	15,000
Logan	55,400	45,000
McLean	9,600	7,000
Muhlenberg	20,000	16,000
Ohio	23,200	19,000
Simpson	25,900	20,000
Todd	33,700	26,500
Union	40,000	31,000
Webster	19,700	15,500
DISTRICT 2	425,000	336,000
Adair	44,000	40,000
Allen	45,100	37,000
Barren	82,900	70,500
Breckinridge	65,400	53,000
Bullitt	17,900	15,000
Butler	21,300	17,000
Casey	44,000	40,000
Clinton	22,200	19,000
Cumberland	18,600	17,000
Edmonson	15,800	13,000
Grayson	51,500	41,000
Green	38,600	32,500
Hardin	67,000	58,000
Hart	51,600	41,000
Jefferson	21,400	19,000
Larue	41,000	33,000
Marion	58,800	50,000
Meade	30,800	25,000
Metcalfe	30,200	26,000
Monroe	41,200	35,000
Nelson	58,400	53,000
Russell	28,700	25,000
Taylor	36,700	33,000
Warren	86,900	70,000
DISTRICT 3	1,020,000	863,000
Boone	22,700	20,000
Bracken	19,900	16,000
Campbell	10,400	10,000
Carroll	11,200	9,000
Gallatin	7,900	7,300
Grant	22,600	19,000
Henry	37,800	32,000
Kenton	10,700	9,000
Oldham	21,900	18,000
Owen	27,000	23,000
Pendleton	26,500	22,500
Trimble	11,400	9,200
DISTRICT 4	230,000	195,000
Anderson	20,200	17,000
Bath	33,400	29,000
Bourbon	52,000	46,000
Boyle	41,600	36,000
Clark	42,500	36,000
Fayette	40,200	33,000
Fleming	48,500	45,000
Franklin	24,200	20,000
Garrard	49,800	42,000
Harrison	46,000	38,000
Jessamine	31,000	26,000
Lincoln	68,600	58,500
Madison	71,600	61,000
Mason	36,200	31,000
Mercer	48,400	40,000
Montgomery	38,200	32,500
Nicholas	25,700	22,000
Robertson	8,100	6,000
Scott	45,300	38,500
Shelby	68,800	57,500
Spencer	24,300	18,000
Washington	52,300	47,000
Woodford	43,100	36,000
DISTRICT 5	960,000	816,000
Bell	800	600
Boyd	4,500	4,000
Breathitt	1,600	1,500
Carter	9,900	8,400
Clay	6,300	5,300
Elliott	8,200	7,000
Estill	10,800	9,200
Floyd	1,400	1,200
Greenup	9,000	7,500
Harlan	900	800
Jackson	11,300	9,600
Johnson	1,600	1,300
Knott	600	500
Knox	6,600	5,000
Laurel	25,700	22,000
Lawrence	6,300	5,300
Lee	1,800	1,500
Leslie	200	200
Letcher	500	400
Lewis	20,000	17,000
McCreary	1,400	1,200
Magoffin	2,800	2,000
Martin	700	600
Menifee	5,100	4,000
Morgan	9,500	8,000
Owsley	1,500	1,300
Perry	500	400
Pike	900	700
Powell	4,500	3,800
Pulaski	70,200	60,000
Rockcastle	23,300	19,500
Rowan	5,700	4,800
Wayne	24,600	23,000
Whitley	7,000	5,000
Wolfe	4,300	3,400
DISTRICT 6	290,000	246,000
STATE	3,120,000	2,600,000

ALL CATTLE AND CALVES



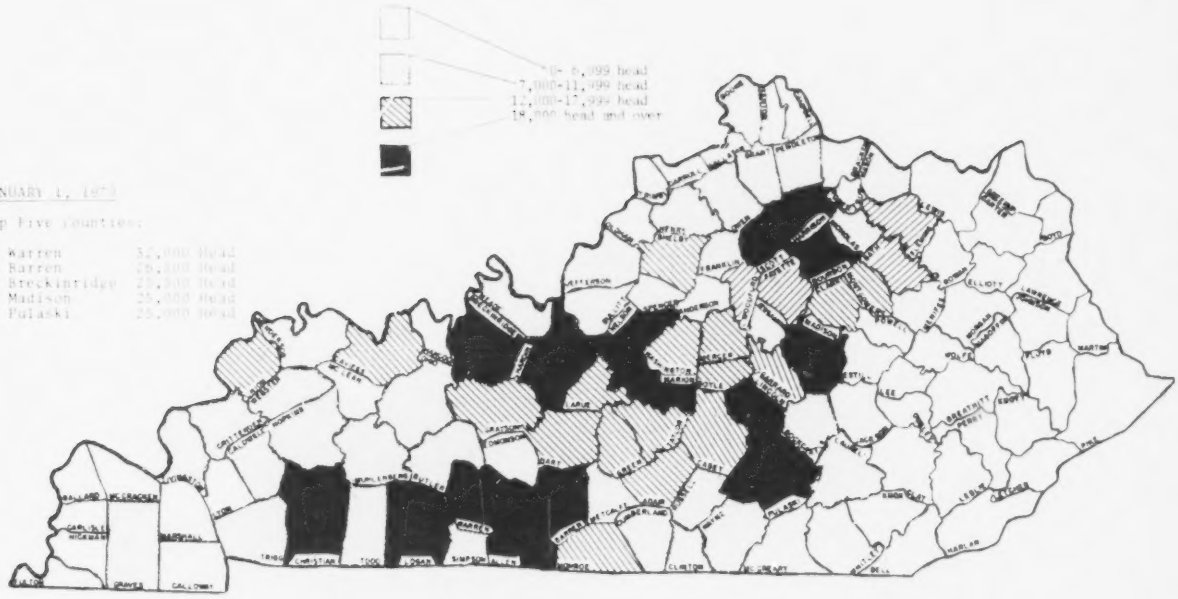
Cattle and calves have been steadily declining in numbers for the past 5 years.

BEEF COWS, COUNTY ESTIMATES JANUARY 1, 1977 - 1979

District and County	January 1 1977 (Number)	January 1 1978 (Number)	January 1 1979 (Number)	District and County	January 1 1977 (Number)	January 1 1978 (Number)	January 1 1979 (Number)
Ballard	5,400	5,000	4,000	Anderson	7,000	6,500	6,100
Calloway	8,900	8,500	6,800	Bath	15,500	14,500	13,000
Carlisle	6,000	5,000	4,300	Bourbon	23,000	22,000	20,000
Fulton	4,400	4,000	3,300	Boyle	18,000	17,000	15,500
Graves	13,000	12,000	9,800	Clark	18,000	17,000	15,000
Hickman	6,400	6,000	4,700	Fayette	20,000	19,500	16,500
Livingston	16,000	14,000	10,000	Fleming	18,000	18,000	16,500
Lyon	5,000	4,000	3,500	Franklin	12,000	11,000	9,500
McCracken	5,000	4,500	3,300	Garrard	21,500	20,000	17,500
Marshall	8,400	7,500	6,000	Harrison	22,500	22,000	18,000
Trigg	13,000	12,000	9,300	Jessamine	14,000	13,000	11,000
DISTRICT 1	91,500	82,500	65,000	Lincoln	25,000	24,000	21,000
				Madison	30,000	29,000	25,000
Caldwell	11,500	10,500	9,000	Mason	14,000	13,000	11,000
Christian	26,000	24,000	20,500	Mercer	18,000	1 ,000	14,500
Crittenden	15,000	14,000	11,500	Montgomery	17,000	16.500	14,000
Daviess	15,500	14,000	12,000	Nicholas	11,500	1 ,000	9,600
Hancock	5,500	5,000	3,800	Robertson	3,200	,000	2,300
Henderson	13,000	12,000	10,000	Scott	21,500	21,000	18,000
Hopkins	10,000	9,000	7,000	Shelby	18,000	17,000	14,000
Logan	24,000	22,000	18,500	Spencer	6,200	6,000	4,500
McLean	5,000	4,500	3,300	Washington	20,000	19,000	17,000
Muhlenberg	11,000	10,000	8,000	Woodford	20,000	19,000	16,000
Ohio	12,000	11,000	9,200	DISTRICT 5	394,000	378,000	325,500
Simpson	10,000	9,000	7,400				
Todd	16,000	14,000	11,000	Bell	*	*	*
Union	17,000	15,500	12,500	Boyd	2,100	1,900	1,700
Webster	10,000	9,000	7,300	Breathitt	600	600	500
DISTRICT 2	201,500	183,500	151,000	Carter	4,400	4,000	3,400
				Clay	2,300	2,000	1,800
Adair	16,000	15,500	14,000	Elliott	4,000	3,300	2,800
Allen	22,500	22,000	18,500	Estill	5,000	4,500	4,000
Barren	32,000	30,500	26,500	Floyd	500	500	*
Breckinridge	31,500	30,500	25,500	Greenup	4,000	3,500	3,000
Bullitt	7,400	7,000	5,900	Harlan	*	*	*
Butler	10,500	10,000	8,200	Jackson	4,300	4,000	3,500
Casey	20,000	19,000	17,000	Johnson	900	800	600
Clinton	11,000	10,000	9,200	Knott	*	*	*
Cumberland	9,500	9,000	8,300	Knox	2,400	2,000	1,600
Edmonson	7,300	7,000	5,400	Laurel	10,500	8,700	8,400
Grayson	21,000	20,000	16,500	Lawrence	3,400	3,000	2,500
Green	16,500	16,000	13,500	Lee	800	700	600
Hardin	28,000	27,000	24,000	Leslie	*	*	*
Hart	18,000	17,000	14,000	Letcher	*	*	*
Jefferson	8,300	8,000	7,000	Lewis	6,600	6,100	5,300
Larue	16,500	16,000	13,000	McCreary	600	500	*
Marion	23,000	22,000	19,000	Magoffin	1,200	1,000	700
Meade	14,000	13,000	11,500	Martin	500	*	*
Metcalfe	10,500	10,000	8,500	Menifee	2,000	1,800	1,500
Monroe	17,000	16,000	14,500	Morgan	4,400	3,900	3,300
Nelson	21,000	20,000	18,000	Owsley	700	600	500
Russell	12,500	12,000	10,500	Perry	*	*	*
Taylor	15,500	15,000	13,500	Pike	*	*	*
Warren	40,500	39,000	32,000	Powell	2,300	2,000	1,800
DISTRICT 3	430,000	411,500	354,000	Pulaski	32,000	29,000	25,000
				Rockcastle	9,500	9,000	8,000
Boone	10,500	10,000	9,000	Rowan	2,500	2,200	2,000
Bracken	6,400	6,000	5,000	Wayne	11,500	10,500	10,000
Campbell	3,900	3,500	3,200	Whitley	3,400	3,000	2,200
Carroll	5,400	5,000	4,200	Wolfe	2,300	2,000	1,500
Gallatin	3,400	3,000	2,500	Other Counties	1,800	1,900	2,600
Grant	9,000	8,000	7,400	DISTRICT 6	126,500	113,000	99,000
Henry	13,500	13,000	11,500				
Kenton	5,400	5,000	4,000				
Oldham	8,000	7,500	6,300	STATE	1,337,000	1,253,000	1,070,000
Owen	12,000	11,000	9,900				
Pendleton	11,500	10,500	9,000				
Trimble	4,500	4,000	3,500				
DISTRICT 4	93,500	86,500	75,500				

*Less than 500 head. Included in "Other Counties".

BEEF COWS

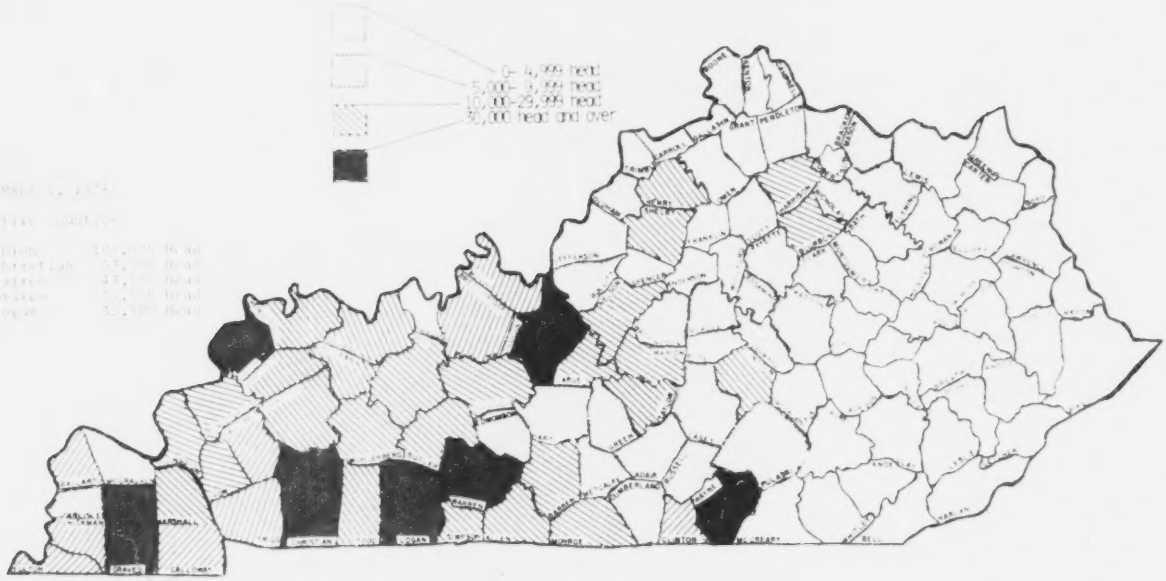


Some quality Angus beef cows on the Meng Angus Farms in Warren County.

ALL HOGS AND PIGS ON FARMS, COUNTY ESTIMATES - 1977 & 1978

District and County	December 1 1977 (Number)	December 1 1978 (Number)	District and County	December 1 1977 (Number)	December 1 1978 (Number)
Ballard	14,000	14,500	Anderson	700	800
Calloway	11,000	10,500	Bath	1,800	2,100
Carlisle	10,000	9,300	Bourbon	10,000	11,000
Fulton	12,000	11,000	Boyle	4,600	4,600
Graves	38,000	35,500	Clark	8,600	8,000
Hickman	13,000	12,500	Fayette	5,000	5,500
Livingston	11,000	11,000	Fleming	6,000	7,000
Lyon	11,600	11,500	Franklin	1,500	1,500
McCracken	4,900	4,700	Garrard	8,800	8,500
Marshall	9,000	11,000	Harrison	12,000	15,000
Trigg	22,000	23,500	Jessamine	7,000	7,000
DISTRICT 1	156,500	155,000	Lincoln	11,300	12,000
			Madison	8,000	8,500
Caldwell	22,000	22,000	Mason	6,000	7,000
Christian	50,200	53,000	Mercer	6,800	7,000
Crittenden	12,500	12,500	Montgomery	2,000	2,300
Daviess	27,000	26,000	Nicholas	1,800	2,200
Hancock	2,000	2,000	Robertson	200	200
Henderson	28,000	27,000	Scott	6,000	5,400
Hopkins	15,300	14,500	Shelby	17,000	16,000
Logan	35,500	35,500	Spencer	2,500	1,900
McLean	15,000	17,000	Washington	7,500	6,500
Muhlenberg	12,100	13,500	Woodford	3,800	4,000
Ohio	13,500	14,000	DISTRICT 5	138,900	146,000
Simpson	12,900	14,000			
Todd	18,000	17,500	Bell	300	300
Union	105,000	105,000	Boyd	400	300
Webster	26,000	23,500	Breathitt	1,200	1,200
DISTRICT 2	395,000	397,000	Carter	700	600
			Clay	2,000	2,200
Adair	7,900	7,300	Elliott	600	400
Allen	12,000	10,000	Estill	3,600	2,900
Barren	15,200	14,000	Floyd	500	500
Breckinridge	23,500	24,000	Greenup	700	700
Bullitt	7,600	7,200	Harlan	200	200
Butler	14,500	14,000	Jackson	1,500	1,500
Casey	8,500	8,000	Johnson	400	300
Clinton	10,500	10,500	Knott	1,000	900
Cumberland	5,700	5,400	Knox	1,100	1,100
Edmonson	4,800	5,000	Laurel	1,400	1,500
Grayson	19,800	21,500	Lawrence	900	800
Green	9,000	9,600	Lee	1,100	1,100
Hardin	35,000	30,000	Leslie	200	200
Hart	7,400	7,400	Letcher	400	400
Jefferson	4,400	4,400	Lewis	1,100	1,000
Larue	15,000	15,000	McCreary	300	300
Marion	16,500	18,000	Magoffin	600	400
Meade	18,000	17,000	Martin	300	300
Metcalfe	6,000	5,700	Menifee	200	200
Monroe	13,000	13,500	Morgan	900	1,400
Nelson	23,700	23,500	Owsley	700	700
Russell	8,500	8,500	Perry	900	800
Taylor	9,000	10,000	Pike	400	400
Warren	39,000	43,500	Powell	1,200	3,800
DISTRICT 3	334,500	333,000	Pulaski	11,000	9,200
			Rockcastle	2,400	3,000
Boone	9,100	8,900	Rowan	800	800
Bracken	700	600	Wayne	31,700	33,500
Campbell	700	700	Whitley	3,900	4,000
Carroll	800	800	Wolfe	1,000	1,100
Gallatin	700	1,000	DISTRICT 6	75,000	78,000
Grant	3,200	3,800			
Henry	10,300	10,500			
Kenton	1,100	1,100	STATE	1,140,000	1,150,000
Oldham	7,600	7,400			
Owen	1,300	1,200			
Pendleton	1,700	1,800			
Trimble	2,900	3,200			
DISTRICT 4	40,100	41,000			

ALL HOGS AND PIGS



A typical hog operation, as shown in this picture, is Millstone Place Farm in Shelby County.

SHEEP AND LAMBS-WOOL PRODUCTION, BY DISTRICTS 1977-1978

1977 DISTRICT ESTIMATES (REVISED)

Districts	All Sheep and Lambs on Farms End of Year 1977	Sheep Shorn 1977	Wool Production 1977	Wool Value 1/ 1977
	(Number)	(Number)	(Pounds)	(Dollars)
District 1	1,500	1,400	9,500	6,200
District 2	1,800	1,600	11,500	7,600
District 3	2,000	1,700	11,500	7,600
District 4	4,000	3,700	25,000	16,500
District 5	18,000	17,000	120,500	79,500
District 6	700	600	4,000	2,600
STATE	28,000	26,000	182,000	120,000

1/ Wool value based on average local market price and does not include incentive payment.

1978 DISTRICT ESTIMATES

Districts	All Sheep and Lambs on Farms End of Year 1978	Sheep Shorn 1978	Wool Production 1978	Wool Value 1/ 1978
	(Number)	(Number)	(Pounds)	(Dollars)
District 1	1,000	1,100	7,800	5,100
District 2	1,300	1,400	10,000	6,600
District 3	1,300	1,400	9,400	6,200
District 4	3,600	3,700	26,500	17,400
District 5	14,500	15,000	104,500	68,900
District 6	300	400	2,800	1,800
STATE	22,000	23,000	161,000	106,000

1/ Wool value based on average local market price and does not include incentive payment.

FEEDER PIGS:
PRICES PAID BY KENTUCKY FARMERS

1965 - 1979

YEAR	January	April	July	October	January	April	July	October
	(Dollars per 100 pounds)				(Dollars per Head)			
1965	21.80	24.90	28.50	31.20	10.50	11.80	13.50	15.00
1966	41.50	40.00	35.50	32.00	19.50	18.50	16.50	15.00
1967	29.00	27.00	29.00	28.50	13.70	13.00	14.00	13.40
1968	26.50	30.00	29.50	29.50	12.50	13.50	13.90	13.50
1969	27.40	32.00	36.00	38.50	12.60	14.40	16.20	16.90
1970	41.70	55.00	40.00	25.00	18.35	22.55	18.00	11.30
1971	16.00	21.30	24.70	30.00	7.65	9.60	11.40	13.20
1972	47.00	42.50	47.85	46.40	22.00	19.55	21.50	21.80
1973	52.00	64.30	75.00	65.00	23.40	27.60	32.20	30.60
1974	61.00	53.30	40.00	42.50	28.10	25.10	18.40	19.10
1975	45.00	69.00	84.00	95.00	21.20	31.05	37.80	43.70
1976	80.00	93.00	69.50	52.50	37.60	38.30	32.00	24.60
1977	52.00	71.00	78.50	69.50	24.40	32.00	35.50	31.50
1978	65.00	89.00	79.50	96.50	29.90	40.00	37.40	42.50
1/	February	May	August	November	February	May	August	November
1979	89.00	81.00			44.50	34.00		

1/ In 1979 months were changed for reporting feeder pig prices.

Many Kentucky feeder pigs move out-of-state for finishing

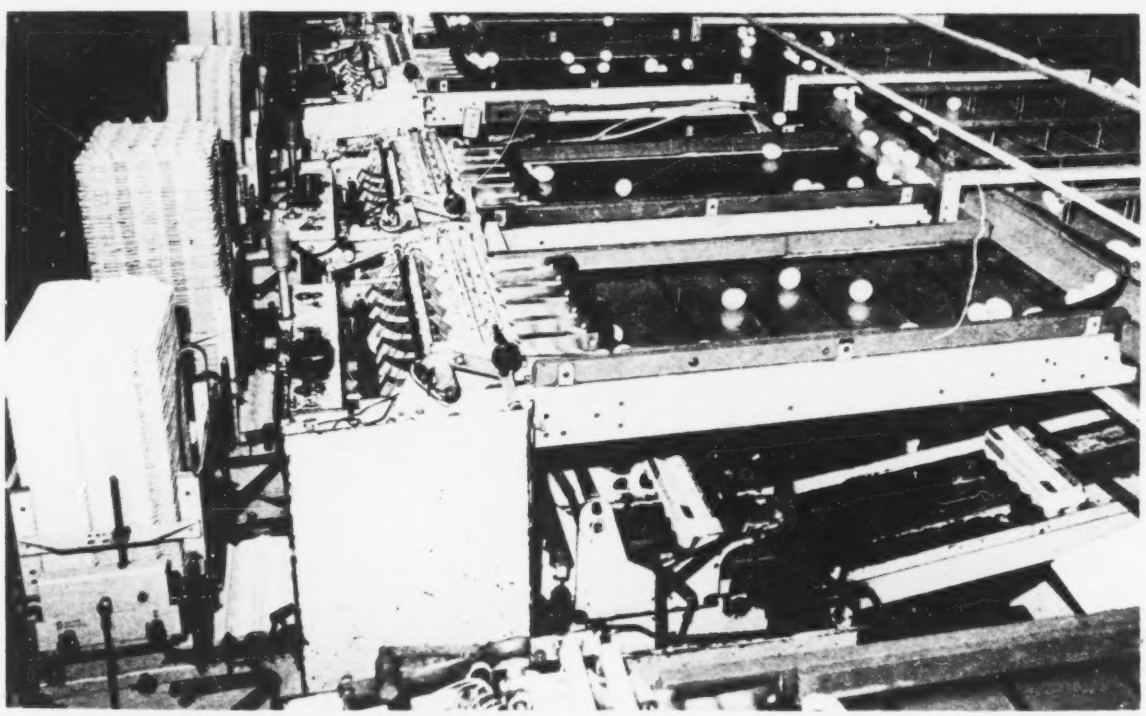
LAYER AND EGG PRODUCTION, DISTRICT ESTIMATES 1977 & 1978

LAYERS AND EGG PRODUCTION DISTRICT ESTIMATES

1977 & 1978 1/

District	Average Number of Layers		Eggs per Layer 2/		Total Egg Production	
	1977	1978	1977	1978	1977	1978
	(Thousands)		(Number)		(Thousands)	
District 1	85	83	228	230	19,380	19,090
District 2	855	914	229	230	195,795	210,220
District 3	310	302	223	225	69,130	67,950
District 4	82	80	220	224	18,040	17,920
District 5	200	195	221	231	44,200	45,050
District 6	935	875	224	220	209,455	192,770
STATE	2,467	2,449	225	226	556,000	553,000

1/ Annual estimates cover the period December 1 previous year thru November 30.
2/ Total egg production divided by average number of layers on hand.



Eggs being sorted and graded at the Southern States Cooperative near Winchester, Kentucky with a minimum of hand labor.

CHICKENS AND EGGS
PRODUCTION, DISPOSITION AND INCOME

CHICKENS: PRODUCTION, DISPOSITION AND INCOME, KENTUCKY, 1970 - 1978 1/

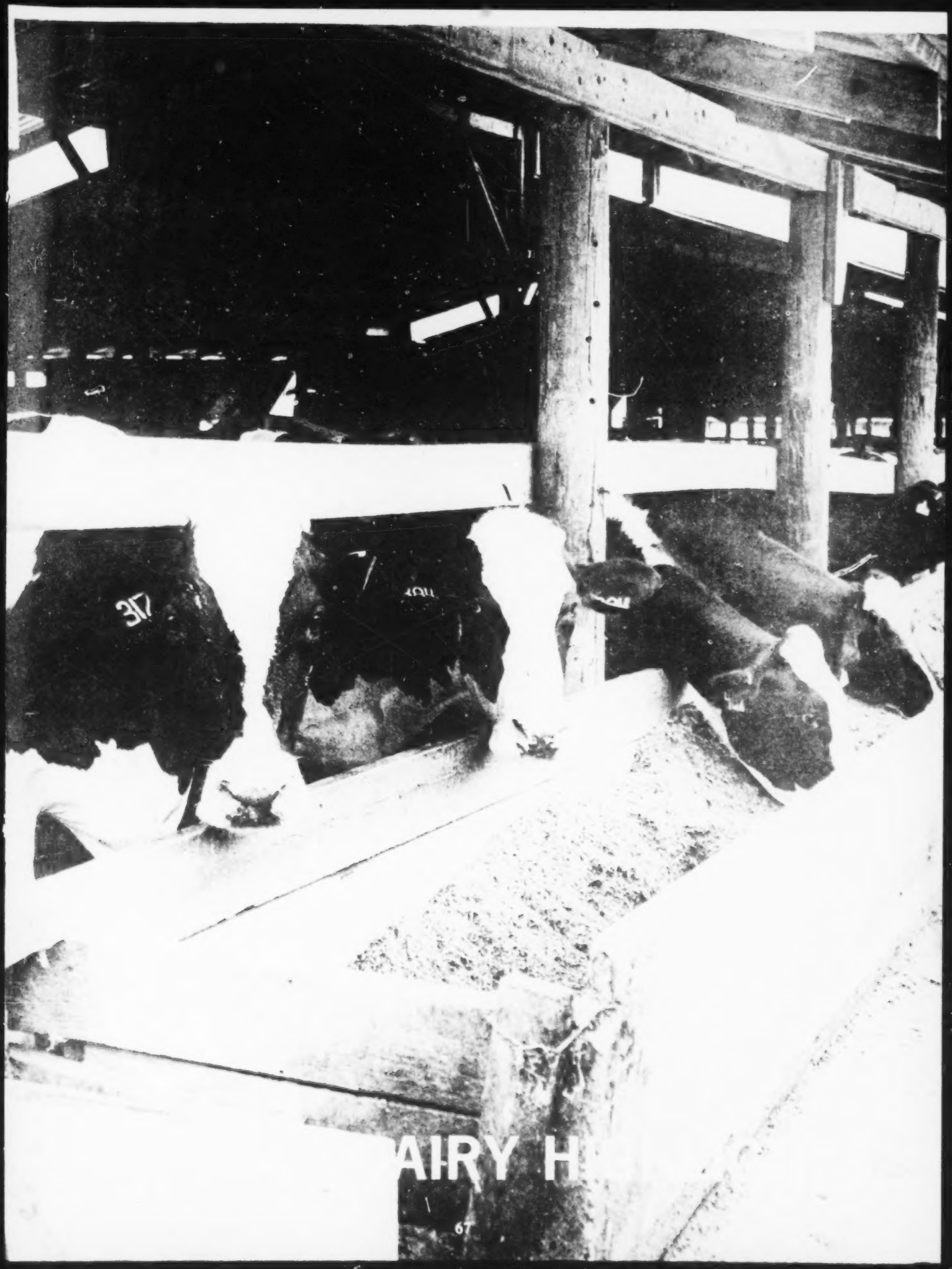
YEAR	PRODUCTION AND DISPOSITION OF CHICKENS						INCOME FROM CHICKENS		
	All Chickens on Hand December 1 Previous Year	Placed During Year	Death Loss During Year	Home Consumption	Sold During Year	All Chickens on Hand December 1 Current Year	Cash Receipts	Value of Home Consumption	Gross Income
	(Thousand Head)						(Thousand Dollars)		
1970	3,608	3,179	586	854	1,873	3,474	1,041	285	1,326
1971	3,474	3,011	575	775	1,800	3,335	955	253	1,208
1972	3,335	3,200	545	700	1,690	3,600	820	222	1,042
1973	3,600	3,100	500	650	1,950	3,600	1,299	308	1,607
1974	3,600	3,100	550	650	2,200	3,300	1,079	227	1,306
1975	3,300	3,000	500	600	2,200	3,000	911	177	1,088
1976	3,000	3,800	525	625	2,350	3,300	1,109	236	1,345
1977	3,300	3,750	620	680	2,250	3,500	1,026	261	1,287
1978	3,500	3,320	600	620	2,100	3,500	762	218	980

1/ Annual estimates cover the period December 1 previous year through November 30.

EGGS: PRODUCTION, DISPOSITION AND INCOME, KENTUCKY, 1970 - 1978 1/

YEAR	PRODUCTION AND DISPOSITION			INCOME			
	Eggs Produced	Consumed on Farms	Eggs Sold	Price per Dozen	Cash Receipts	Value of Home Consumption	Gross Income
	(Millions)			(Cents)	(Thousand Dollars)		
1970	572	45	527	37.9	16,644	1,421	18,065
1971	566	34	532	30.0	13,300	850	14,150
1972	537	29	508	29.0	12,277	701	12,978
1973	515	27	488	50.6	20,577	1,139	21,716
1974	527	27	500	51.9	21,625	1,168	22,793
1975	518	26	492	49.1	20,131	1,064	21,195
1976	541	25	516	54.2	23,306	1,129	24,435
1977	566	23	543	50.6	22,897	970	23,867
1978	553	22	531	47.7	21,107	875	21,982

1/ Annual estimates cover the previous year through November 30.


AIRY H

DAIRY HIGHLIGHTS

Decreasing cow numbers in Kentucky combined with a decrease in output per cow resulted in a smaller production in 1978 than in 1977. The total value of milk produced in Kentucky was $239.4 million, up 3 percent from a year earlier.

Kentucky milk cows produced 2,322 million pounds of milk in 1978, 4 percent below a year earlier. In total milk production, Kentucky continues to rank 13th in the Nation. The average number of milk cows on Kentucky farms during 1978 was 269,000 head, down 3 percent from 1977. The average annual output per cow was 8,632 pounds, down slightly from the 1977 record high of 8,727 pounds. Production per cow by months was down from last year 7 out of 12 months. Milk cow farm numbers in Kentucky averaged 20,000 during 1978, down 2,000 from 1977.

Farmers in Kentucky marketed 2,183 million pounds of milk in 1978. This is a decrease of 4 percent from 1977 marketings. Milk sold to plants and dealers and directly to consumers accounted for 94 percent of the State's milk production. The other 6 percent was used on farms for household use and fed to calves.

The 2,160 million pounds of milk sold to plants and dealers was composed of Grade A and manufactured grade milk. Fluid milk, Grade A, deliveries totaled 1,658 million pounds, 77 percent of all milk sold as whole milk to plants and dealers. This is down 4 percent from the 1,721 million pounds sold in 1977. Manufactured grade milk was down 6 percent from a year earlier at 502 million pounds.

MILK USED AND MARKETED BY KENTUCKY FARMERS, 1978

YEAR	MILK USED ON FARMS WHERE PRODUCED			MILK MARKETED BY FARMERS				MILK USED ON FARMS AND MARKETED
				Sold to Plants and Dealers 2/		Sold Directly to Consumers 3/	Total	
	Fed to Calves 1/	Used For Milk Cream and Butter	Total	As Whole Milk	As Farm Separated Cream			Total
	(Million Pounds)							
1968	34	181	215	2,245	4	21	2,270	2,485
1969	32	163	195	2,230	3	19	2,252	2,447
1970	32	148	180	2,270	3	18	2,291	2,471
1971	31	142	173	2,290	-	17	2,307	2,480
1972	33	140	173	2,340	-	17	2,357	2,530
1973	32	133	165	2,150	-	15	2,165	2,330
1974	32	133	165	2,190	-	15	2,205	2,370
1975	30	124	154	2,150	-	15	2,165	2,319
1976	29	119	148	2,215	-	20	2,235	2,383
1977	30	116	146	2,255	-	25	2,280	2,426
1978	28	111	139	2,160	-	23	2,183	2,322

1/ Excludes milk sucked by calves. 2/ Includes milk produced by dealers' own herds. 3/ Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds.

MILK COWS AND MILK PRODUCTION ON KENTUCKY FARMS BY MONTHS

MONTH	Milk Cows on Farms 1/		Milk Per Cow 2/		Milk Production 2/	
	1977	1978 3/	1977	1978 3/	1977	1978 3/
	(000 Head)		(Pounds)		(Million Pounds)	
January	280	276	625	625	175	173
February	279	274	600	600	167	164
March	279	273	715	705	199	192
April	279	271	785	770	219	209
May	279	270	855	835	239	225
June	279	269	820	800	229	215
July	278	267	825	800	229	214
August	278	267	820	800	228	214
September	278	266	745	740	207	197
October	277	266	705	710	195	189
November	277	265	615	620	170	164
December	277	265	610	625	169	166
Annual	278	269	8727	8632	2426	2322

1/ Excludes heifers not yet fresh. 2/ Excludes milk sucked by calves.
3/ Preliminary.

POUNDS OF GRAIN FED PER MILK COW IN HERD, KENTUCKY AND UNITED STATES

MONTH	KENTUCKY		UNITED STATES	
	1977	1978	1977	1978
	(Pounds Per Day Per Head)			
April 1	13.0	14.1	14.1	14.6
July 1	12.2	11.7	13.2	13.6
October 1	12.4	12.5	13.3	13.6
January 1 1/	13.7	13.8	14.3	15.0

1/ January following year.

MILK COWS, PRODUCTION AND INCOME BY STATES, 1978

STATE	Milk Cows 1/ 1978 (Thousands)	Average Production per Cow (Pounds)	Milk Production (Million Pounds) 2/	Cash Receipts from Milk and Cream ($1,000)
Alabama	84	7,857	660	75,061
Alaska	1	10,571	11	2,463
Arizona	68	13,176	896	101,234
Arkansas	89	8,090	720	75,863
California	846	14,027	11,867	1,228,958
Colorado	72	12,111	872	96,311
Connecticut	50	12,240	612	70,773
Delaware	12	11,026	132	14,325
Florida	193	10,093	1,948	247,261
Georgia	129	10,000	1,290	146,512
Hawaii	13	11,628	15	23,715
Idaho	140	11,664	1,633	158,187
Illinois	231	10,403	2,403	246,379
Indiana	203	10,729	2,178	229,908
Iowa	377	10,700	4,034	395,470
Kansas	138	10,130	1,398	146,287
Kentucky	269	8,632	2,322	225,027
Louisiana	128	8,305	1,063	120,331
Maine	57	11,193	638	72,940
Maryland	134	11,493	1,540	171,665
Massachusetts	48	11,917	572	67,350
Michigan	403	11,893	4,793	496,661
Minnesota	837	10,859	9,089	880,294
Mississippi	106	7,887	836	91,278
Missouri	277	9,964	2,760	277,636
Montana	27	11,148	301	29,775
Nebraska	124	10,234	1,269	124,979
Nevada	15	12,810	192	19,137
New Hampshire	30	10,967	329	37,795
New Jersey	45	11,667	525	59,157
New Mexico	33	13,879	458	52,706
New York	906	11,582	10,493	1,085,585
North Carolina	143	10,958	1,567	173,011
North Dakota	100	9,210	921	83,329
Ohio	384	11,133	4,275	449,004
Oklahoma	113	9,646	1,090	117,958
Oregon	93	11,452	1,065	114,622
Pennsylvania	700	11,259	7,881	877,713
Rhode Island	5	11,702	59	6,353
South Carolina	54	9,444	510	59,895
South Dakota	170	9,412	1,600	150,614
Tennessee	209	10,230	2,138	216,324
Texas	311	11,039	3,433	398,176
Utah	76	12,303	935	96,265
Vermont	189	11,534	2,180	239,883
Virginia	172	11,058	1,902	204,326
Washington	186	14,419	2,682	289,055
West Virginia	37	9,297	344	35,473
Wisconsin	1,811	11,735	21,252	2,127,573
Wyoming	11	10,541	116	11,831
UNITED STATES 3/	10,849	11,240	121,935	12,722,428

1/Average number on farms during year. 2/Excludes milk sucked by calves. 3/Rounded sum of individual states.

MILK COWS AND MILK PRODUCTION, REVISED BY COUNTIES 1977

District and County	Avg. Number Milk Cows on Farms	Annual Avg. Production per Cow 1/ (Pounds)	Total Milk Production (000 Pounds)
Ballard	2,000	9,475	18,950
Calloway	2,500	8,180	20,450
Carlisle	1,600	8,819	14,110
Fulton	200	9,000	1,800
Graves	2,600	8,823	22,940
Hickman	1,400	9,614	13,460
Livingston	500	8,980	4,490
Lyon	300	8,367	2,510
McCracken	1,100	9,073	9,980
Marshall	200	9,100	1,820
Trigg	300	8,200	2,460
DISTRICT 1	12,700	8,895	112,970
Caldwell	1,800	9,683	17,430
Christian	800	9,238	7,390
Crittenden	300	6,633	1,990
Daviess	2,800	9,225	25,830
Hopkins	500	7,800	3,900
Logan	6,600	8,803	58,100
McLean	200	8,000	1,600
Muhlenberg	500	7,980	3,990
Ohio	600	7,483	4,490
Simpson	3,300	8,764	28,920
Todd	3,200	9,006	28,820
Union	100	9,000	900
Webster	100	8,300	830
Other Counties	100	8,000	800
DISTRICT 2	20,900	8,852	185,010
Adair	9,300	8,598	79,960
Allen	2,300	8,365	19,240
Barren	15,000	8,624	129,360
Breckinridge	1,200	8,558	10,270
Bullitt	2,000	9,595	19,190
Butler	800	7,188	5,750
Casey	4,800	8,413	39,900
Clinton	1,400	8,850	12,390
Cumberland	1,800	8,654	15,650
Edmonson	1,400	8,764	12,270
Grayson	4,300	8,842	38,020
Green	6,300	8,830	55,630
Hardin	5,600	9,439	52,860
Hart	8,500	8,800	74,800
Jefferson	2,000	8,550	17,100
Larue	5,000	9,076	45,380
Marion	6,600	9,482	62,560
Meade	500	7,980	3,990
Metcalfe	6,200	8,503	52,720
Monroe	5,900	9,003	53,120
Nelson	8,800	9,460	83,250
Russell	4,400	8,814	38,780
Taylor	6,200	8,510	52,760
Warren	4,900	8,839	43,310
DISTRICT 3	115,200	8,759	1,018,280
Boone	1,500	9,120	13,680
Bracken	3,700	8,432	31,200
Campbell	1,000	8,030	8,030
Carroll	1,200	8,183	9,820
Gallatin	1,200	8,958	10,750
Grant	1,800	9,289	16,720
Henry	6,200	8,558	53,060
Kenton	900	8,600	7,740
Oldham	3,600	9,308	33,510
Owen	2,900	8,669	25,140
Pendleton	2,800	8,389	23,490
Trimble	1,300	7,669	9,970
DISTRICT 4	28,100	8,652	244,110
Anderson	3,200	8,284	26,510
Bath	2,500	7,340	18,350
Bourbon	1,400	9,136	12,790
Boyle	1,600	8,500	13,600
Clark	500	8,580	4,290
Fayette	1,000	8,570	8,570
Fleming	7,400	9,035	66,860
Franklin	400	8,450	3,380
Garrard	3,300	8,194	27,040
Harrison	1,500	8,180	12,270
Jessamine	600	8,933	5,360
Lincoln	6,600	8,523	56,250
Madison	1,000	8,180	8,180
Mason	5,900	8,792	51,870
Mercer	5,400	8,283	45,770
Montgomery	1,600	8,419	13,470
Nicholas	1,400	7,693	10,770
Robertson	1,000	7,880	7,880
Scott	500	8,380	4,190
Shelby	14,500	9,523	138,090
Spencer	6,700	8,078	54,120
Washington	6,300	8,857	55,800
Woodford	100	8,000	800
DISTRICT 5	75,100	8,675	651,470
Boyd	300	8,400	2,520
Breathitt	100	7,500	750
Carter	600	8,483	5,090
Clay	300	7,200	2,160
Elliott	200	7,000	1,400
Estill	200	7,000	1,400
Greenup	400	7,150	2,860
Jackson	1,700	8,271	14,060
Knox	400	6,375	2,550
Laurel	2,500	8,204	20,510
Lawrence	400	6,850	2,740
Lewis	3,400	8,303	28,230
Magoffin	200	7,700	1,540
Menifee	200	7,150	1,430
Morgan	400	8,925	3,570
Owsley	100	8,000	800
Pulaski	9,900	8,610	76,625
Rockcastle	2,300	8,578	19,730
Rowan	300	8,467	2,540
Wayne	1,800	8,389	15,100
Whitley	400	8,050	3,220
Wolfe	200	5,850	1,170
Other Counties	700	7,379	5,165
DISTRICT 6	26,000	8,275	215,160
STATE	278,000	8,727	2,426,000

1/ Total Milk Production Divided By Average Number Milk Cows On Farms.

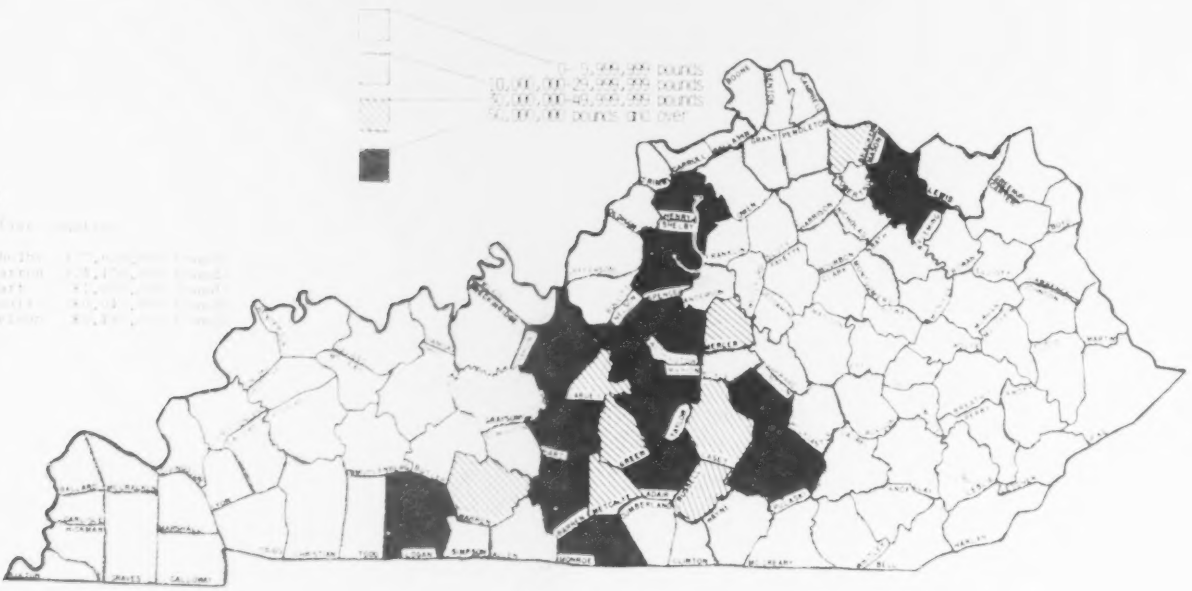
MILK COWS AND MILK PRODUCTION, COUNTY ESTIMATES - 1978

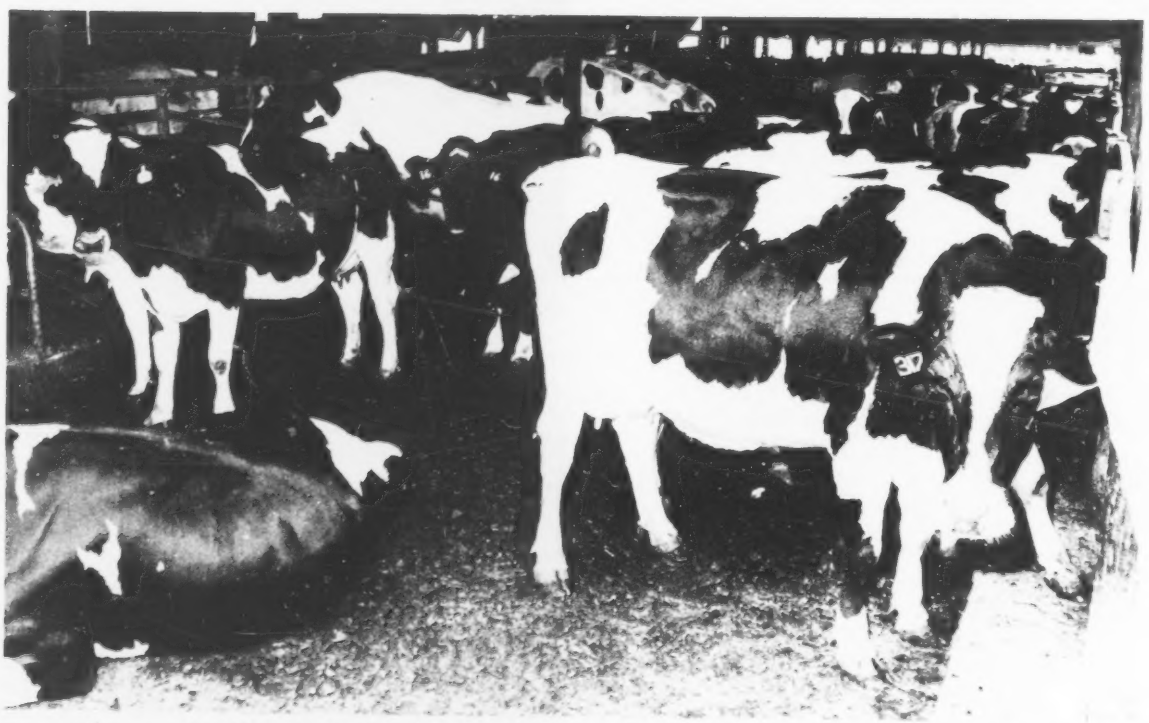
District and County	Avg. Number Milk Cows on Farms	Annual Avg. Production per Cow 1/ (Pounds)	Total Milk Production (000 Pounds)
Ballard	1,700	10,682	18,160
Calloway	1,800	9,383	16,890
Carlisle	1,500	9,620	14,430
Fulton	100	10,000	1,000
Graves	2,400	9,661	23,320
Hickman	1,100	10,346	11,380
Livingston	300	10,200	3,060
Lyon	300	9,400	2,820
McCracken	1,100	9,673	10,640
Marshall	100	10,000	1,000
Trigg	300	8,000	2,400
DISTRICT 1	10,900	9,811	104,000
Caldwell	1,800	9,300	16,740
Christian	800	9,213	7,370
Crittenden	200	6,000	1,200
Daviess	2,600	10,269	26,700
Hopkins	400	9,000	3,600
Logan	6,100	8,715	53,160
McLean	200	8,200	1,640
Muhlenberg	500	8,200	4,030
Ohio	400	7,500	3,000
Simpson	3,400	8,241	27,360
Todd	3,000	9,450	28,350
Other Counties	100	8,300	830
DISTRICT 2	19,400	8,969	174,000
Adair	10,100	8,014	80,940
Allen	1,200	7,666	16,800
Barren	13,400	8,082	124,470
Breckinridge	900	7,944	7,150
Bullitt	2,200	8,436	18,400
Butler	600	7,400	4,440
Casey	5,000	7,606	38,030
Clinton	1,500	8,347	12,520
Cumberland	1,900	7,458	14,170
Edmonson	1,300	8,154	10,600
Grayson	3,400	8,476	28,820
Green	6,400	7,719	49,400
Hardin	5,900	8,961	52,870
Hart	10,000	8,190	81,900
Jefferson	1,400	8,314	11,640
Larue	5,300	8,781	46,540
Marion	7,400	8,893	65,810
Meade	400	8,225	3,290
Metcalfe	6,700	7,303	48,930
Monroe	6,400	8,744	55,960
Nelson	8,500	9,147	80,490
Russell	5,200	8,869	46,120
Taylor	6,300	8,730	55,000
Warren	4,500	8,433	37,950
DISTRICT 3	119,200	8,347	995,000
Boone	1,100	9,727	10,700
Bracken	3,400	8,441	33,960
Campbell	900	8,256	7,430
Carroll	1,000	8,000	8,000
Gallatin	1,000	8,830	8,830
Grant	1,300	9,392	12,210
Henry	6,200	9,219	57,160
Kenton	800	9,300	7,440
Oldham	2,800	9,346	26,170
Owen	3,000	9,267	27,800
Pendleton	2,400	9,143	21,940
Trimble	1,300	7,923	10,300
DISTRICT 4	25,200	9,048	228,000

District and County	Avg. Number Milk Cows on Farms	Annual Avg. Production per Cow 1/ (Pounds)	Total Milk Production (000 Pounds)
Anderson	2,900	7,817	22,670
Bath	2,000	8,075	16,150
Bourbon	1,400	9,107	12,750
Boyle	1,400	8,379	11,730
Clark	400	8,075	3,230
Fayette	800	9,014	7,210
Fleming	7,300	9,499	69,340
Franklin	300	8,500	2,550
Garrard	3,500	7,843	27,450
Harrison	1,300	8,631	11,220
Jessamine	800	8,788	7,030
Lincoln	7,100	8,204	58,250
Madison	800	8,300	6,640
Mason	6,000	9,085	54,510
Mercer	5,200	9,169	47,680
Montgomery	1,600	8,791	14,060
Nicholas	1,400	7,864	11,010
Robertson	800	7,525	6,020
Scott	400	9,000	3,600
Shelby	13,000	9,817	127,620
Spencer	6,300	8,895	56,060
Washington	6,600	8,197	54,100
Woodford	100	8,300	830
DISTRICT 5	71,400	8,852	632,000
Boyd	100	9,000	900
Carter	300	8,233	2,470
Clay	200	8,000	1,600
Greenup	300	8,067	2,420
Jackson	2,300	8,475	16,450
Knox	200	7,000	1,400
Laurel	2,300	7,643	17,610
Lawrence	100	7,000	700
Lewis	2,900	8,062	23,380
Menifee	100	7,500	750
Morgan	200	8,800	1,760
Pulaski	9,400	7,910	78,310
Rockcastle	2,400	8,238	19,770
Rowan	200	9,000	1,800
Wayne	1,900	7,621	14,560
Whitley	400	7,833	2,350
Other Counties	400	7,367	2,470
DISTRICT 6	23,200	8,147	189,000
STATE	269,000	8,632	2,322,000

1/ Total Milk Production Divided by Average Number Milk Cows on Farms.

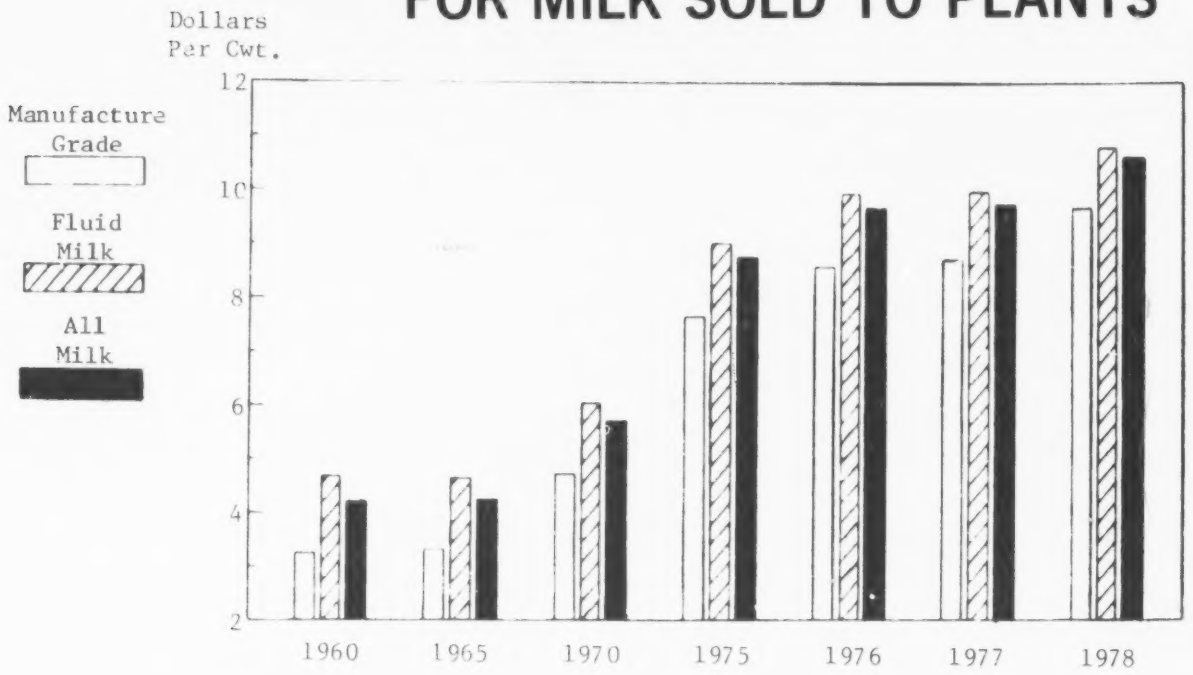
MILK PRODUCTION



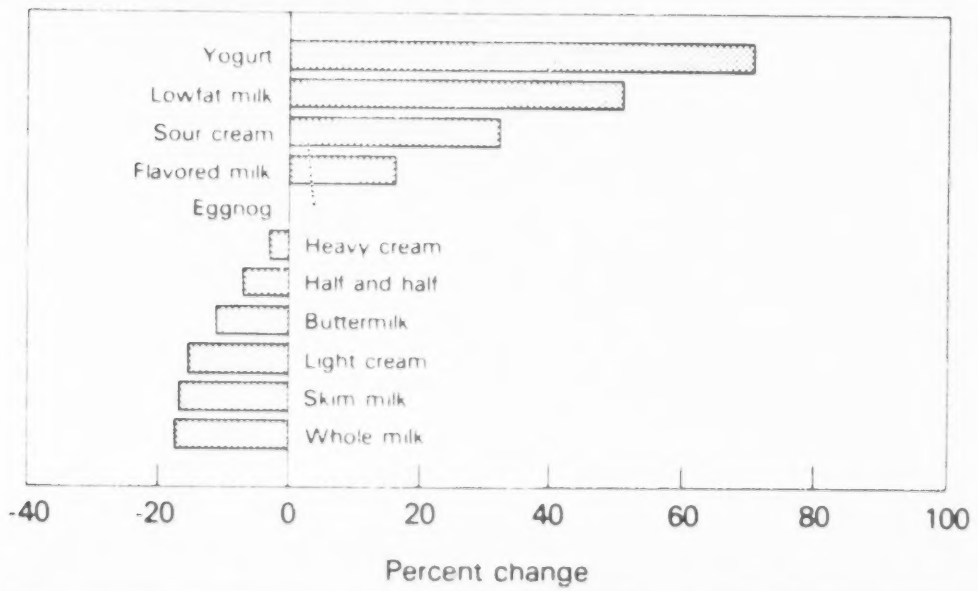


A fine example of Kentucky's large dairy herds. Over 1,000 head a week of young dairy stock are exported for sale.

AVERAGE PRICE RECEIVED BY FARMERS FOR MILK SOLD TO PLANTS



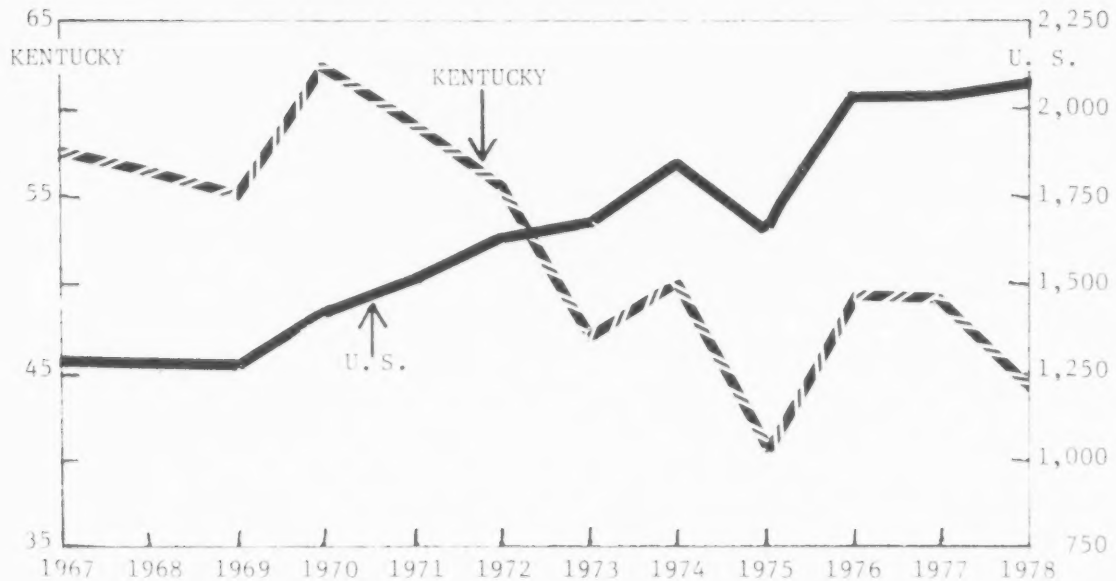
CHANGES IN FLUID PRODUCTS SOLD PER CAPITA, 73-78



KENTUCKY DAIRY PRODUCTS

American cheese production by Kentucky plants totaled 44,441,000 in 1978, a decrease of 10 percent from 1977. American cheese is composed of cheddar, colby, washed curd, stirred curd, monterey and jack cheese. After larger production in 1976 and 1977, production appears to be decreasing again. American cheese production in Kentucky required 443.7 million pounds of whole milk. This is 40 percent of the total whole milk diverted to manufactured dairy products. Kentucky continued to rank 8th nationally in American cheese production with 2.1 percent of the Nation's total production. For the Nation, 2,074 million pounds of American cheese was produced, up 2 percent from the 1977 production. American cheese production accounted for 59 percent of total cheese production for 1978. Wisconsin continues to lead the Nation in American cheese production with 877.2 million pounds, 42 percent of the Nation's total production. Other states in the top 5 producing states in rank of importance are Minnesota, Iowa, New York and Idaho. The top 5 states together accounted for 72 percent of the U. S. production.

AMERICAN CHEESE PRODUCTION IN MILLION POUNDS, KENTUCKY AND U.S., 1967-1978



KENTUCKY MANUFACTURED DAIRY PRODUCTS BY MONTHS 1977 & 1978

MONTH	AMERICAN CHEESE		ICE MILK		SHERBET	
	1977	1978	1977	1978	1977	1978
	(Thousand Pounds)		(Thousand Gallons)		(Thousand Gallons)	
January	3,390	3,233	131	129	17	25
February	2,947	3,114	190	162	16	32
March	3,417	3,596	335	320	45	47
April	5,085	4,377	339	352	56	47
May	5,718	5,017	437	421	50	55
June	5,246	4,758	442	468	74	57
July	4,762	4,552	466	460	54	48
August	4,866	4,053	414	452	75	46
September	4,049	3,300	328	376	47	49
October	3,698	3,153	258	304	30	36
November	2,706	2,233	222	227	39	27
December	3,237	3,055	147	187	33	40
Total	49,121	44,441	3,709	3,858	536	509

Quality Kentucky cheese being shown at a New Orleans Food Fair.

KENTUCKY MILK PRODUCTION, DISPOSITION AND CASH RECEIPTS

ITEM	1977 1/	1978	% of 1978 Total	1978 as % of 1977
	(Million Pounds)		(Percent)	
MILK MARKETED BY FARMERS				
Sold to Plants & Dealers	2,255	2,160	93.0	96
Retailed by Farmers	25	23	1.0	92
MILK USED ON FARMS WHERE PRODUCED				
Used for Milk, Cream & Butter	116	111	4.8	96
Fed to Calves	30	28	1.2	93
TOTAL MILK PRODUCTION	2,426	2,322	100.0	96
	(Thousand Dollars)		(Percent)	
CASH RECEIPTS				
From Milk Retailed by Farmers	4,767	4,707	2.1	99
Milk Sold to Dealers & Plants	213,098	220,320	97.9	103
TOTAL CASH RECEIPTS				
From Milk Marketed by Farmers	217,865	225,027	100.0	103

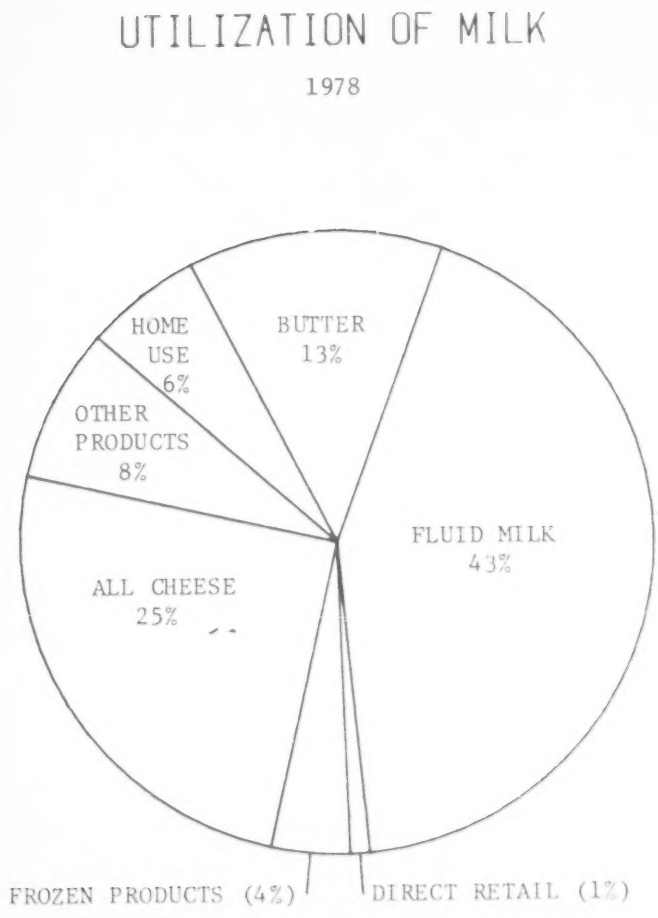
1/ Revised.

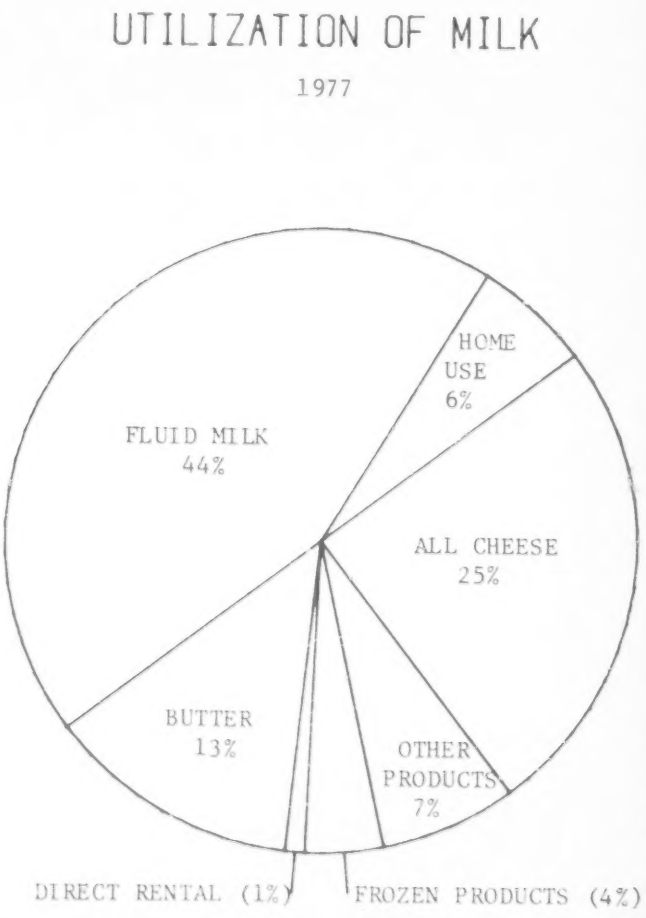
The 2,322 million pounds of milk produced in Kentucky valued $239.4 million. This is based on the average returns per 100 pounds of milk sold plus the value of milk used in farm households and fed to calves. The 1978 value is up 3 percent from the 1977 revised value of $231.9 million. The annual average price per 100 pounds of milk sold was $10.20, up 75 cents per 100 pounds from a year earlier. Fluid milk prices averaged $10.70 per 100 pounds while manufactured grade milk prices averaged $8.60. The fluid price is up 80 cents from a year earlier while the manufacture price is up 55 cents. Cash receipts from all dairy products marketed in 1978 by farmers were $225.0 million, up 3 percent from 1977.

UTILIZATION OF KENTUCKY MILK PRODUCTION 1977 & 1978

Utilization	Quantity of Milk 1/			
	1977	% of Total	1978	% of Total
	(Million Pounds)	(%)	(Million Pounds)	(%)
Fluid Milk	1,056	44	999	43
All Cheese	603	25	568	25
Butter	320	13	311	13
Other Products 2/	176	7	182	8
Frozen Products	100	4	100	4
Home Use	146	6	139	6
Direct Retail	25	1	23	1
All Milk	2,426	100	2,322	100

1/ Quantity used in products is whole milk equivalent.
2/ Includes evaporated and dry products.





FARM INCOME AND NUMBERS

FARM INCOME

CASH RECEIPTS

For the first time since 1973 cattle edged out tobacco as number one in cash receipts for farm commodities. Cattle with a 68 percent increase and soybeans with a 70 percent increase led the way to a new cash receipts record of 2.04 billion dollars, up 18 percent from 1977. Livestock and products averaged 37 percent higher in 1978 while crops were up only 4 percent. The modest increase in crops can be partially explained by the fact that some of 1978 crop tobacco was marketed in 1979 and therefore not included in 1978 receipts.

Soybean receipts were in the spotlight among crops. Not only has acreage continually increased in the State to a point where soybean acreage nearly equals corn, but price per bushel has held up well. The result for 1978 was that soybean sales made up 13 percent of cash receipts, almost half that of tobacco. Corn with 7.8 percent was the only other crop with more than 1 percent of receipts.

Spiraling cattle prices and a substantial increase in hog receipts pushed livestock income to a new record. The gap between crop receipts and livestock receipts narrowed to only 2 percentage points, the closest they have been since 1963. Declining cattle numbers put upward pressure on beef prices as well as other meats. While pork and poultry were plentiful, prices remained high because of the strong demand for meat and reduced supply of beef. Dairy products increased 3 percent to 225 million dollars.

PRICES RECEIVED BY KENTUCKY FARMERS

Prices for most of the major crops were higher in 1978 than in 1977. Wheat made a substantial gain of 58 percent owing to a small crop and good demand. Both soybeans and burley tobacco saw 8 percent increases from the previous marketing season. Burley at $131.50 per hundred bettered last year's record by nearly $10. Dark tobaccos had a poor season as prices fell for all types. Corn prices increased 5 cents per bushel or 2 percent from the 1977 level. Hay prices in 1978 averaged slightly higher than the previous year due to two consecutive cold winters.

With the exception of eggs, prices received by Kentucky farmers for their livestock products were higher this year than last -- some substantially higher. Cattle prices averaged nearly 50 percent higher in 1978 while hogs were up 18 percent. After a slight dip in 1977, milk cow prices have made a steady increase in 1978 and were selling for record high prices by year's end. The price of milk was 8 percent above last year, and for the first time averaged more than $10.00 per hundredweight. Egg prices, responding to large supplies, were off 6 percent.

PRICES PAID BY KENTUCKY FARMERS

With the exception of feed and fertilizer, prices of farm inputs rose again in 1978. Fuels and motor supplies were up only modestly, with the important diesel fuel remaining unchanged from the previous year. The greatest increases were in lumber and building materials, with two-by-fours up 13 percent and dressed boards up 16 percent. Up also were implements and machinery, and equipment and supplies which include hand tools, plumbing supplies, rope and baler twine. Both feed and fertilizer prices dipped in 1978. Feed responded to lower input prices, particularly protein ingredients. Soybean meal was off a significant 10 percent. Fertilizer prices averaged 3 to 4 percent less than a year earlier.

VALUE OF KENTUCKY CROP PRODUCTION 1978

CROP VALUE UP 7 PERCENT

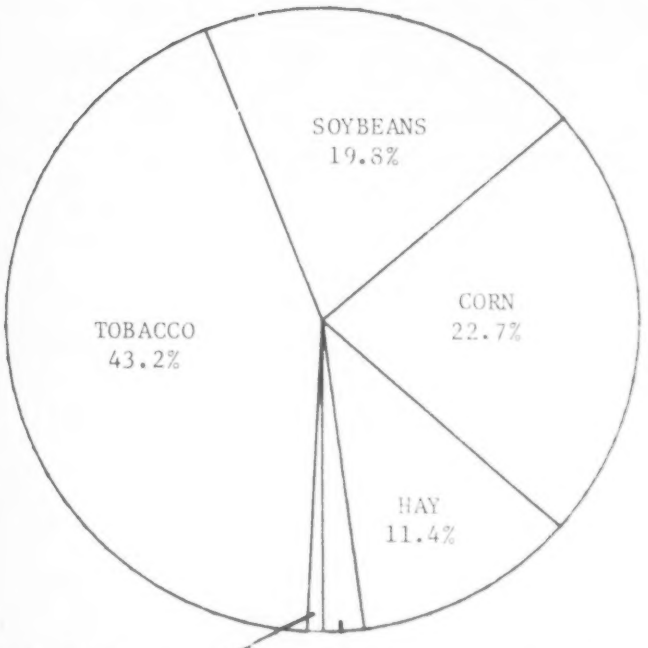
Led by substantial increases in both tobacco and soybeans, crop values jumped to a new record, up 7 percent from last year. Of the five major crops in the State, only corn dipped in value. Corn prices were up in 1978, but production was off by more than enough to offset this increase. Soybeans showed the sharpest value increase of major crops, up 12 percent, and for the first time moved ahead of corn in value. Peaches made a dramatic comeback. After a near failure in 1977, value rose to make peaches the seventh most valuable crop in 1978.

DISTRIBUTION OF CROP VALUES

Kentucky's four major crops made up over 97 percent of crop value in 1978. As usual, tobacco was the leading commodity. In 1978 it accounted for 44.5 percent of total cash value. Corn and soybeans were nearly tied for second in value, but for the first time soybeans edged out corn by a slight margin. Because of the State's cattle herd, hay is an important crop. In 1978 it ranked fourth in value and made up 11.4 percent of the all crop value. All other crops combined contributed just under 3 percent of the total for 1978.

DISTRIBUTION OF CROP VALUES

1977



DISTRIBUTION OF CROP VALUES

1978

KENTUCKY CROPS RANKED ACCORDING TO 1978 VALUE OF PRODUCTION

Rank Commodity and Unit	1978 CROP YEAR 1/ Premilinary Price	1978 CROP YEAR 1/ Premilinary Value	1977 CROP YEAR Price	1977 CROP YEAR Value	Change in Value
	Dollars	(000) Dollars	Dollars	(000) Dollars	1978 as % of 1977
1. Tobacco, All, Lb.	1.293	607,202	1.220	551,578	110
2. Soybeans, Bu.	6.70	283,410	6.18	252,886	112
3. Corn (for grain), Bu.	2.35	281,648	2.19	289,737	97
4. Hay, Ton	49.00	154,938	47.00	145,371	107
5. Wheat, Bu.	3.15	21,499	2.10	21,290	101
6. Sorghum Grain, Bu.	1.82	2,595	1.66	3,028	86
7. Peaches, Lb.	.200	2,200	.146	15	
8. Tall Fescue Seed, Cwt.	16.50	1,871	27.50	1,097	171
9. Commercial Apples, Lb.	.126	1,789	.107	2,119	84
10. Barley, Bu.	1.65	1,632	1.50	1,725	95
11. Bell Peppers, Cwt. 2/	8.36	1,271	7.71	1,759	72
12. Vegetables, for Processing 3/	---	1,012	---	1,357	75
13. Popcorn 4/, Cwt.	7.75	998	8.00	2,283	44
14. Oats, Bu.	1.95	573	1.75	551	104
15. Lespedeza Seed, Cwt.	55.00	392	59.00	425	92
16. Rye, Bu.	2.60	281	1.95	211	133
17. Red Clover Seed, Cwt.	69.00	171	73.00	321	53
18. Orchardgrass Seed, Cwt.	34.00	71	34.00	57	125
19. Cotton, Lb. 5/	---	---	.490	165	
TOTAL		1,363,553		1,275,975	

1/ Preliminary. 2/ Fresh Market and Processing. 3/ Commercial Production - including snap beans, cucumbers for pickles, and tomatoes for processing. 4/ Shelled corn basis. 5/ Includes allowances for unredeemed loans. (None Harvested in 1978).

PRICES RECEIVED BY FARMERS FOR SPECIFIED PRODUCTS: BY MONTHS, KENTUCKY, 1973 - 1978

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	SEASON AVERAGE 1/
						CORN (Dollars per Bushel)							
1973	1.59	1.56	1.57	1.58	1.80	2.30	2.35	2.95	2.23	2.20	2.27	2.54	2.65
1974	2.80	2.93	2.88	2.53	2.59	2.73	3.11	3.49	3.35	3.37	3.30	3.30	3.08
1975	3.12	2.89	2.73	2.73	2.67	2.72	2.80	2.98	2.71	2.61	2.31	2.41	2.57
1976	2.51	2.55	2.59	2.57	2.68	2.85	2.95	2.79	2.67	2.32	2.00	2.28	2.22
1977	2.46	2.46	2.54	2.48	2.36	2.18	1.84	1.60	1.61	1.65	1.83	2.13	2.30
1978	2.25	2.26	2.40	2.44	2.50	2.44	2.24	2.14	2.06	2.14	2.18	2.28	2.35
						WHEAT (Dollars per Bushel)							
1973	2.40	2.17	2.19	2.10	2.20	2.54	2.60	4.15	4.68	4.30	4.35	5.00	3.28
1974	5.51	5.68	5.15	4.03	3.39	3.38	3.99	3.93	3.93	4.33	4.20	4.03	3.77
1975	3.68	3.68	3.27	3.21	2.83	2.64	3.04	3.40	3.44	3.41	3.08	3.01	2.96
1976	3.17	3.49	3.42	3.15	3.05	3.17	3.10	2.79	2.76	2.48	2.17	2.34	2.95
1977	2.52	2.43	2.22	2.43	2.23	2.22	1.90	1.85	1.79	2.01	2.20	2.34	2.00
1978	2.27	2.51	2.70	2.94	3.03	2.93	3.00	3.13	3.22	3.25	3.25	3.55	3.15
						SOYBEANS (Dollars per Bushel)							
1973	4.30	5.80	6.00	6.18	8.30	10.40	7.25	8.50	5.85	5.50	5.05	5.75	5.64
1974	5.97	6.16	6.11	5.16	5.29	5.16	6.25	7.44	7.32	8.21	7.40	7.03	6.84
1975	6.12	5.68	5.37	5.65	5.07	4.97	5.39	5.86	5.30	4.95	4.41	4.32	4.87
1976	4.52	4.57	4.61	4.60	4.90	6.04	6.81	6.04	6.87	5.92	6.03	6.56	6.74
1977	7.01	7.20	7.94	9.55	9.31	8.29	7.05	5.28	5.05	5.48	5.69	5.82	6.18
1978	6.25	5.89	6.46	6.70	6.96	6.88	6.73	6.39	6.29	6.20	6.35	6.54	6.70

1/ Season average prices were computed by weighting monthly prices by the estimated percentage of sales made each month.

PRICES RECEIVD BY FARMERS FOR SPECIFIED PRODUCTS: BY MONTHS, KENTUCKY, 1973 - 1978

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	SEASON AVERAGE 1/
						ALL HAY (Dollars per Ton)							
1973	34.00	35.50	37.00	35.00	33.50	33.00	34.00	33.50	33.50	33.50	34.00	35.50	35.00
1974	35.50	36.50	37.50	36.00	33.50	34.50	35.50	37.00	38.00	36.50	37.50	39.50	38.50
1975	40.00	39.50	43.50	45.00	39.50	37.00	37.50	41.00	39.00	42.00	39.00	38.00	40.00
1976	42.00	42.50	42.00	42.00	43.00	41.00	40.50	42.00	43.00	42.00	42.50	45.00	47.00
1977	47.50	59.00	61.50	57.00	51.50	44.50	47.50	45.50	44.00	46.00	47.00	45.50	47.00
1978	48.00	51.50	49.00	49.00	47.00	49.00	50.50	46.50	47.00	49.50	50.50	49.00	49.00
						ALFALFA HAY 2/ (Dollars per Ton)							
1973	38.00	40.50	41.00	39.00	36.50	36.00	37.50	39.00	37.50	38.00	39.00	41.00	
1974	41.00	41.50	42.00	41.50	39.00	40.00	40.50	41.50	43.50	43.00	43.50	45.50	
1975	48.00	47.00	50.50	50.00	44.50	43.00	44.00	47.50	45.50	47.50	44.00	44.50	
1976	50.50	50.50	51.00	48.50	47.00	46.00	47.50	48.00	51.50	49.00	49.50	51.00	
1977	54.50	70.00	72.00	70.50	65.00	55.50	53.50	51.50	52.00	55.50	54.00	52.50	
1978	57.50	60.50	57.50	57.00	54.00	55.00	57.50	53.50	55.00	58.50	60.00	58.00	
						ALL OTHER HAY 2/ (Dollars per Ton)							
1973	31.00	32.00	33.50	32.00	31.50	30.50	32.50	31.00	31.50	31.00	31.50	33.00	
1974	33.00	34.00	35.00	33.50	31.00	32.00	33.00	34.50	35.00	33.00	34.50	36.50	
1975	38.00	37.50	41.50	43.50	38.00	35.50	36.00	39.50	37.50	40.50	38.00	36.50	
1976	40.00	40.50	40.00	40.50	42.00	39.50	39.00	40.50	41.00	40.00	41.00	43.50	
1977	45.50	56.50	59.00	53.50	48.00	42.00	46.00	44.00	42.00	43.50	45.00	43.50	
1978	45.50	49.50	47.00	49.00	45.50	47.50	49.00	44.50	45.00	47.50	48.00	47.00	

1/ Marketing season May - April. Season average prices were computed by weighting monthly prices by the estimated percentage of sales made each month.
2/ Season average prices discontinued in 1972.

PRICES RECEIVED BY FARMERS FOR SPECIFIED PRODUCTS: BY MONTHS, KENTUCKY, 1973 - 1978

CROP YEAR	NOV	DEC	JAN 1/	FEB 1/	MAR 1/	APR 1/	MAY	JUN	JUL	AUG	SEP	OCT	SEASON AVERAGE
						BURLEY TOBACCO - TYPE 31 (Cents per Pound)							
1973	88.0	96.0	92.0	-	-	-	-	-	-	-	-	-	93.2
1974	111.9	117.6	108.2	88.3	-	-	-	-	-	-	-	-	114.1
1975	107.4	104.9	108.9	107.4	-	-	-	-	-	-	-	-	106.7
1976	117.0	115.7	114.2	113.5	110.5	105.5	-	-	-	-	-	-	115.0
1977	122.5	120.4	123.3	122.0	115.5	-	-	-	-	-	-	-	121.8
1978	132.6	132.0	130.0	126.5	122.5	-	-	-	-	-	-	-	131.5

1/ Following year.

CROP YEAR	EASTERN DARK FIRE-CURED TOBACCO Type 22	WESTERN DARK FIRE-CURED TOBACCO Type 23	ONE SUCKER TOBACCO Type 35	GREEN RIVER TOBACCO Type 36
		(Cents per Pound)		
1973	73.2	72.1	61.1	63.5
1974	96.5	93.3	75.5	30.1
1975	105.4	97.8	90.2	88.3
1976	142.0	136.0	115.0	118.0
1977	133.8	125.5	117.7	117.8
1978	111.0	114.5	98.0	101.0

PRICES RECEIVED BY FARMERS FOR SPECIFIED PRODUCTS: BY MONTHS, KENTUCKY, 1973 - 1978

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE 1/
						BEEF CATTLE 2/ (Dollars per Cwt.)							
1973	35.50	39.00	43.70	42.30	44.70	44.00	44.90	52.30	46.30	43.30	38.60	37.30	43.00
1974	41.70	41.90	39.50	37.80	35.60	31.00	30.60	31.30	28.90	25.00	24.20	23.00	31.80
1975	23.50	22.90	23.50	25.90	28.60	29.70	28.10	26.50	27.90	28.80	28.60	28.20	27.40
1976	28.60	30.20	33.00	35.90	35.60	34.40	31.70	31.20	30.40	29.20	29.40	29.50	31.40
1977	29.80	30.20	31.90	33.00	34.20	32.00	31.90	31.80	32.40	31.90	30.60	30.90	31.60
1978	33.90	35.70	40.50	43.90	48.30	49.90	48.40	48.70	49.30	51.20	49.80	51.80	46.60
						BEEF COWS (Dollars per Cwt.)							
1973	26.00	29.50	32.90	33.10	33.50	33.30	33.60	38.80	35.10	33.30	28.50	30.00	32.40
1974	31.30	32.90	31.80	29.60	28.00	25.10	24.00	23.90	22.10	18.30	18.10	17.10	24.10
1975	17.10	18.30	19.00	19.80	22.20	22.10	20.20	19.30	20.00	21.00	20.80	20.00	20.20
1976	22.30	24.90	26.80	28.30	28.40	27.40	26.50	24.80	23.40	23.40	22.40	22.10	24.70
1977	23.50	23.10	25.30	26.00	26.90	24.50	22.90	22.30	23.00	22.80	22.30	23.00	23.50
1978	26.50	28.50	31.00	34.50	38.10	36.50	36.90	35.20	37.50	38.40	38.50	40.50	35.50
						STEERS AND HEIFERS (Dollars per Cwt.)							
1973	39.50	42.50	47.50	45.40	48.60	47.80	49.10	57.50	50.80	47.60	43.20	40.50	47.10
1974	45.40	44.60	41.70	40.00	37.70	32.60	32.50	33.60	31.10	27.30	26.50	25.20	34.30
1975	25.80	24.30	24.70	27.50	30.30	31.80	30.30	28.70	30.40	31.40	31.30	31.20	29.60
1976	31.00	31.90	35.00	37.90	37.50	36.40	33.20	33.10	32.60	31.10	31.90	32.30	33.50
1977	31.80	32.20	34.00	34.90	36.00	34.00	34.50	34.50	35.40	34.50	33.30	33.80	34.30
1978	36.60	38.30	43.50	46.70	51.00	53.50	51.60	52.50	53.00	55.50	54.00	56.00	50.10
						CALVES (Dollars per Cwt.)							
1973	47.00	51.80	60.00	55.80	60.70	60.30	58.80	68.60	61.20	58.10	50.00	48.00	57.00
1974	54.00	53.00	50.30	48.50	43.00	38.60	35.70	36.10	35.10	28.80	27.70	25.70	40.10
1975	26.00	26.80	27.10	27.90	29.70	28.70	25.70	23.90	25.80	26.90	27.30	28.50	27.00
1976	30.90	32.00	35.10	38.10	39.20	38.50	35.40	34.00	33.30	33.20	32.10	32.80	34.60
1977	35.00	36.00	39.50	38.70	39.90	35.00	36.40	35.50	37.70	37.10	35.50	37.20	37.00
1978	41.20	43.00	51.90	52.50	57.30	57.10	57.40	56.90	61.40	62.60	61.30	66.70	56.00

1/ Annual average prices were computed by weighting monthly prices by the estimated percentage of sales made each month. 2/ Cows, slaughter bulls, steers and heifers.

PRICES RECEIVED BY FARMERS FOR SPECIFIED PRODUCTS: BY MONTHS, KENTUCKY, 1973 - 1978

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
						MILK COWS 1/ (Dollars per Head)							
1973	350	370	405	405	405	410	420	455	450	445	460	450	419
1974	435	435	445	425	425	400	410	400	395	385	355	355	405
1975	325	330	330	330	320	340	335	325	320	335	360	395	337
1976	385	395	390	400	400	415	395	395	430	405	400	395	400
1977	405	390	385	390	415	405	385	405	400	380	385	410	396
1978	415	425	445	460	480	500	525	545	575	600	640	665	523
						MILK - WHOLESALE, ALL (Dollars per Cwt.)							
1973	6.60	6.50	6.35	5.95	5.90	5.90	6.05	6.65	7.50	8.15	8.70	9.20	6.86
1974	9.15	9.10	9.00	8.60	8.10	7.40	7.05	7.25	7.70	8.00	8.30	8.25	8.12
1975	8.05	8.05	7.90	7.55	7.45	7.40	7.50	8.00	8.70	9.25	9.50	10.20	8.25
1976	10.20	9.90	9.65	8.85	8.80	8.75	8.90	9.25	9.75	10.10	10.10	10.00	9.45
1977	9.75	9.55	9.25	8.90	8.80	9.00	8.95	9.20	9.80	10.00	10.30	10.50	9.45
1978	10.10	10.10	10.10	9.70	9.50	9.50	9.50	9.90	10.60	11.10	11.50	12.00	10.20
						MILK - FLUID MARKET (Dollars per Cwt.)							
1973	7.05	6.95	6.85	6.35	6.30	6.35	6.55	7.15	8.05	8.50	9.10	9.55	7.37
1974	9.35	9.45	9.45	8.90	8.55	7.85	7.45	7.65	8.15	8.40	8.70	8.65	8.56
1975	8.35	8.35	8.25	7.85	7.75	7.75	7.90	8.45	9.25	9.80	10.30	10.70	8.70
1976	10.60	10.30	10.10	9.20	9.20	9.10	9.20	9.60	10.20	10.60	10.50	10.40	9.90
1977	10.10	9.90	9.60	9.20	9.15	9.45	9.40	9.70	10.40	10.50	10.80	10.90	9.90
1978	10.50	10.50	10.50	10.10	9.90	9.90	9.90	10.40	11.10	11.60	12.00	12.40	10.70
						MILK - MANUFACTURING GRADE (Dollars per Cwt.)							
1973	4.90	4.90	4.95	5.00	5.05	5.10	5.15	5.70	6.30	7.15	7.40	7.80	5.73
1974	7.95	8.05	7.90	7.80	7.15	6.60	6.35	6.50	6.75	6.85	6.85	6.70	7.04
1975	6.85	6.95	6.85	6.70	6.70	6.65	6.70	7.00	7.35	7.80	8.05	8.40	7.10
1976	8.40	8.00	7.85	7.70	7.60	7.65	7.90	8.10	8.05	8.15	8.10	8.10	7.95
1977	8.05	7.95	7.95	7.90	7.80	7.80	7.85	7.95	8.15	8.35	8.45	8.60	8.05
1978	8.50	8.45	8.40	8.20	8.20	8.25	8.30	8.45	8.85	9.25	9.45	9.65	8.60

1/ State average prices are straight rather than weighted averages.

PRICES RECEIVED BY FARMERS FOR SPECIFIED PRODUCTS:

BY YEARS, KENTUCKY, 1973 - 1978

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE 1/
						HOGS (Dollars per Cwt.)							
1973	31.80	35.00	38.00	35.00	35.50	37.70	43.20	56.00	44.10	41.60	40.90	39.20	38.60
1974	41.00	40.00	35.50	30.70	27.00	24.30	35.50	37.10	35.00	38.10	37.60	39.20	35.20
1975	38.00	39.10	39.10	40.10	45.50	49.80	56.00	56.60	59.70	60.00	50.10	49.00	47.20
1976	48.00	48.00	45.60	46.60	48.30	49.00	48.10	42.90	41.80	34.10	32.50	35.90	44.10
1977	38.00	39.30	37.10	35.40	39.80	42.00	44.50	41.70	40.40	39.70	37.90	41.10	39.10
1978	43.20	45.70	46.10	44.60	47.00	48.10	45.70	47.20	47.70	50.80	47.10	48.20	46.20
						EGGS (Cents per Dozen)							
1973	48.0	38.0	45.0	45.0	42.0	49.0	55.0	69.0	62.0	57.0	58.0	64.0	50.6
1974	67.0	52.4	58.0	49.0	37.0	35.0	39.1	44.1	51.2	56.6	53.3	61.7	51.9
1975	56.4	50.5	50.4	43.5	42.7	39.9	40.8	44.1	53.2	48.9	54.7	60.3	49.1
1976	57.0	55.9	49.5	46.0	50.3	48.9	54.3	56.5	55.6	56.8	59.7	65.6	54.2
1977	58.4	67.8	57.7	51.1	43.3	38.2	46.3	47.2	46.5	41.5	46.3	48.0	50.6
1978	46.6	51.4	51.5	48.2	42.8	37.8	45.0	50.9	49.2	48.6	52.8	60.8	47.7

1/ Annual average prices were computed by weighting monthly prices by the estimated percentage of sales made each month.

KENTUCKY CASH RECEIPTS FROM FARM MARKETING, 1976 - 1978

Commodity	1976 Cash Receipts ($1,000)	1976 % of Total	1977 Cash Receipts ($1,000)	1977 % of Total	1978 * Cash Receipts ($1,000)	1978 * % of Total	1978 as % of 1977
LIVESTOCK & PRODUCTS	730,121	44.2	730,639	42.2	999,796	49.0	137
Cattle & Calves	334,811	20.3	343,081	19.8	576,277	28.2	168
Dairy Products	212,853	12.9	217,865	12.6	225,027	11.0	103
Hogs	129,953	7.9	122,786	7.1	150,484	7.4	123
Eggs	23,702	1.4	22,141	1.3	21,575	1.1	97
Broilers	5,026	.3	2,908	.2	3,042	.1	105
Sheep & Lambs	1,157	.1	893	.1	935	.1	105
Wool	102	-	120	-	106	-	88
Farm Chickens	1,089	.1	1,000	.1	762	-	76
Other Livestock Products 1/	21,428	1.3	19,845	1.2	21,588	1.1	109
CROPS	922,318	55.8	999,353	57.8	1,040,131	51.0	104
Tobacco	521,599	31.6	619,202	35.8	542,211	26.6	88
Corn	160,209	9.7	144,552	8.4	158,299	7.8	110
Soybeans	162,639	9.8	154,953	9.0	263,894	13.0	170
Wheat	19,447	1.2	20,446	1.2	11,505	.6	56
Hay	11,157	.7	13,085	.8	10,065	.5	77
Fescue Seed	642	-	1,097	.1	1,042	.1	95
Lespedeza Seed	656	-	563	-	364	-	65
Popcorn	4,495	.3	2,633	.2	1,261	.1	48
Bell Peppers	1,355	.1	1,486	.1	1,271	.1	86
Orchardgrass Seed	42	-	50	-	63	-	126
Red Clover Seed	338	-	275	-	170	-	62
Sorghum Grain	1,487	.1	1,740	.1	993	.1	57
Tomatoes	1,120	.1	1,343	.1	299	-	22
Other Field Crops	10,317	.6	10,012	.6	11,045	.5	110
Apples	1,653	.1	2,246	.1	1,945	.1	87
Peaches	1,300	.1	146	-	2,100	.1	1,438
Strawberries	950	.1	1,620	.1	893	-	55
Other Fruits & Nuts	1,776	.1	2,504	.1	2,769	.1	111
Forest Products	9,815	.6	9,400	.5	16,742	.8	178
Greenhouse & Nursery	11,321	.7	12,000	.7	13,200	.6	110
ALL COMMODITIES	1,652,439		1,729,992		2,039,927		118

- Indicates less than .05%. Percent may not be accurate to .1 in last place because of method of machine computation. * Preliminary. 1/ Other poultry, honey, beeswax, horses, mules and mink skins.

FARM PRODUCTION EXPENSES, KENTUCKY
MILLION DOLLARS

1952 - 1977

Year	Feed	Livestock	Seed 1/	Fertilizer Lime	Repairs and Operation of Capital Items 2/	Miscel-laneous 3/	Hired Labor 4/	Total Current Farm Operating Expenses 6/	Depreciation and Other Consumption of Farm Capital 5/	Taxes on Farm Property	Interest on Farm Mortgage Debt	Net Rent to Non-Farm Landlords	Total Production Expenses 6/
1952	55.0	30.5	11.6	33.9	59.9	33.0	39.6	264.4	68.7	14.1	6.4	9.4	363.0
1953	47.5	19.4	10.2	31.1	59.1	33.8	34.6	235.6	69.0	14.0	6.7	9.7	335.0
1954	47.5	17.6	9.5	32.7	58.1	33.5	33.6	232.6	71.2	14.2	7.1	10.4	335.5
1955	47.4	19.7	10.2	29.8	61.0	38.5	32.0	238.6	75.4	14.0	7.4	8.0	343.4
1956	50.5	22.9	7.7	30.8	65.6	40.0	33.4	250.8	77.6	14.2	7.9	10.4	360.9
1957	53.1	20.2	7.6	29.9	68.7	44.5	35.6	259.6	82.5	13.9	8.5	8.6	373.1
1958	55.2	23.4	7.0	30.2	69.7	48.8	36.9	271.2	85.8	14.0	9.1	9.6	389.7
1959	58.1	24.5	7.1	33.1	74.2	54.6	37.6	289.1	90.5	14.4	10.0	10.4	414.4
1960	54.9	21.3	7.9	31.2	72.0	58.3	41.0	286.7	93.6	14.2	11.1	12.6	418.1
1961	57.8	22.2	7.9	32.5	74.0	61.7	43.9	299.9	96.3	14.7	12.2	20.0	443.1
1962	61.8	26.2	9.2	37.8	75.3	66.2	46.7	323.2	102.5	15.2	13.5	25.2	479.7
1963	68.8	27.0	10.9	40.3	76.0	71.4	56.7	351.1	108.5	15.5	15.1	36.2	526.5
1964	65.9	21.9	10.4	43.4	75.1	77.5	55.6	349.7	112.2	15.4	17.0	34.1	528.4
1965	66.6	24.9	10.7	42.3	76.9	80.5	56.1	358.0	119.9	15.8	21.7	40.3	555.6
1966	74.5	28.5	10.8	48.1	83.2	82.8	70.8	398.6	130.5	19.5	23.9	41.2	613.7
1967	76.2	26.5	10.9	49.2	90.1	91.5	72.7	417.3	142.7	21.2	27.0	45.2	653.3
1968	74.7	33.5	11.6	47.1	95.0	93.2	65.0	415.1	152.8	22.3	30.8	47.4	668.5
1969	82.6	37.7	11.6	50.1	94.0	97.7	60.0	433.7	164.0	22.8	34.3	52.8	707.7
1970	92.8	40.5	12.3	48.3	94.8	104.7	64.0	457.4	165.6	24.1	37.1	50.3	734.5
1971	90.5	44.2	18.3	54.9	100.8	110.4	65.4	484.3	195.0	24.5	40.0	55.8	799.8
1972	95.2	54.7	17.2	54.8	99.3	121.3	68.5	510.1	197.2	25.7	44.6	74.2	849.7
1973	150.4	62.8	28.7	67.6	107.4	136.5	77.9	631.4	213.5	26.9	52.5	80.0	1004.2
1974	167.5	41.0	31.5	111.6	132.5	167.6	103.7	756.8	253.3	29.3	64.6	118.3	1222.3
1975	134.6	32.4	35.1	121.2	157.5	199.0	77.2	757.0	302.5	32.6	76.1	87.8	1256.0
1976	159.4	36.2	39.9	121.9	160.2	221.4	103.4	862.3	354.2	33.7	89.4	106.6	1446.3
1977	152.2	36.3	44.9	135.0	218.2	242.5	112.8	941.9	386.1	35.6	102.6	99.1	1565.3

1/ Includes bulbs, plants and trees. 2/ Repairs and maintenance of buildings, repairs and operation of motor vehicles and other machinery, and petroleum fuel and oil used in the farm business. 3/ Includes interest on non-real estate debt, pesticides, ginning electricity and telephones (business share), livestock marketing changes (excluding feed and transportation), containers, milk hauling, irrigation, grazing, binding materials, tolls for strup, horses and mules harness and saddlery, blacksmithing and hardware, veterinary services and medicines, net insurance premiums (crop, fire, wind, and hail) and miscellaneous dairy, nursery, greenhouse, apiary, and other supplies. 4/ Includes cash wages, perquisites and Social Security taxes paid by employer. 5/ Includes depreciation and accidental damage to farm buildings and depreciation of motor vehicles and other farm machinery and equipment. 6/ Details may not add to total because of rounding.

FARM PRODUCTION EXPENSES, UNITED STATES

1970, 1975, 1976, 1977 and 1978

ITEM	EXPENSES					SHARE OF ALL EXPENSES				
	1970	1975	1976	1977	1978	1970	1975	1976	1977	1978
	(Million Dollars)					(Percent)				
Feed Purchased	8,028	12,647	14,370	13,993	14,439	18.1	16.7	17.3	15.8	14.7
Livestock Purchased	4,324	4,950	5,871	6,980	9,967	9.7	6.5	7.1	7.9	10.2
Seed Purchased 2/	927	2,293	2,537	2,856	3,080	2.1	3.0	3.1	3.2	3.1
Hired Labor, Total Wages 3/	4,349	6,357	7,037	7,452	7,691	9.8	8.4	8.5	8.4	7.8
Fertilizer and Lime	2,390	6,383	6,141	6,152	6,335	5.4	8.4	7.4	6.9	6.5
Repairs and Operation of Capital Items 4/	4,539	7,806	9,096	10,120	10,835	10.2	10.3	10.9	11.4	11.1
Depreciation on Farm Capital and Insurance 5/	6,760	12,586	13,813	15,156	16,648	15.2	16.6	16.6	17.1	17.0
Taxes on Farm Property	2,596	3,333	3,607	3,940	4,226	5.8	4.4	4.3	4.4	4.3
Interest on Farm Mortgage Debt	1,764	3,421	3,852	4,352	5,232	4.0	4.5	4.6	4.9	5.3
Net Rent to Nonfarm Landlords	2,132	4,600	4,220	4,058	4,713	4.8	6.1	5.1	4.6	4.8
Miscellaneous 6/	6,615	11,487	12,586	13,717	14,930	14.9	15.1	15.1	15.4	15.2
TOTAL EXPENSES 1/	44,424	75,863	83,130	88,776	98,096	100.0	100.0	100.0	100.0	100.0

1/ Details may not add to totals because of roundings. 2/ Includes bulbs, plants and trees. 3/ Includes cash wages, perquisites and Social Security taxes paid by employer. 4/ Repairs and maintenance of buildings, repairs and operation of motor vehicles and other machinery, and petroleum fuel and oil used in the farm business. 5/ Includes depreciation and accidental damage to farm buildings and depreciation of motor vehicles and other farm machinery and equipment. 6/ Includes interest on non-real estate debt, pesticides, ginning, electricity and telephones (business share), livestock marketing charges (excluding feed and transportation), containers, milk hauling, irrigation, grazing, binding materials, tools for crop, horses and mules harness and saddlery, blacksmithing and hardware, veterinary services and medicines, net insurance premiums (crop, fire, wind and hail) and miscellaneous dairy, nursery, greenhouse, apiary, and other supplies.

PRICES PAID BY FARMERS FOR COMMODITIES USED IN PRODUCTION

KENTUCKY 1/, 1968, 1977 and 1978

Commodity and Unit	Annual Average Price 1968	1977	1978
		(Dollars)	
BUILDING MATERIALS:			
Pine, 2" x 4", No. 2 & better/1,000 b.f.	146.00	297.50	337.50
Rough boards, No. 2 & better/1,000 b.f.	113.00	250.00	283.33
Dressed boards, No. 2 & better/1,000 b.f.	155.00	361.67	418.50
Asphalt Shingles, per square	8.90	20.70	22.50
Roofing, steel 28 - 29 ga., per 100 sq. ft.	12.90	28.92	30.67
Insulating board, 1/2", per 100 sq. ft.	78.50	101.67	117.50
Concrete blocks, 8" x 8" x 16", per 100	26.00	46.67	51.83
Portland cement, per 94 lb. net	1.69	3.47	3.77
Paint, House Exterior, per gallon	6.85	12.08	12.75
Posts, wooden, line fence, each	1.30	2.48	3.15
EQUIPMENT AND SUPPLIES:			
Iron Pipe, galvanized 1 1/4" diameter, per ft.	.470	1.20	1.28
Barbed wire, 2-point, per 80 rod spool	8.88	25.38	25.50
Barbed wire, 4-point, per 80 rod spool	11.00	28.63	29.68
Steel posts, line fence, each	1.31	2.53	2.51
Hand sprayers, pressure, 3-4 gallon	10.70	21.50	22.70
Adjustable end wrench, 10 in.	3.90	7.20	7.50
Grease gun, hand pressure, 1 lb.	4.45	7.10	7.50
Electric drill, 1/4 in.	15.00	18.00	19.80
Electric motors, 1/3 hp	23.30	52.00	60.00
Soldering iron, electric, replaceable tip	7.70	15.00	15.50
Nails, 8d, common, per lb.	.172	.450	.463
Hoes, 7" blade	3.14	6.30	7.00
Milk pails, 12 qt., each	1.85	4.31	4.75
Pitchforks, 4 tine, each	5.75	11.13	11.10
Shovel, aluminum scoop, each	8.90	14.65	16.45
Nail hammer, with handle	4.85	8.83	9.20
Baler twine, per 40 lb. bale	7.60	13.40	14.20
Rope, manila per 100 ft.			13.88

1/ Average price at independent and chain stores.

PRICES PAID BY FARMERS FOR COMMODITIES USED IN PRODUCTION

KENTUCKY 1/, 1968, 1977 and 1978

Commodity and Unit	Annual Average Price		
	1968	1977	1978
		(Dollars)	
FEED: 2/			
Laying mash, per ton	91.00	160.50	157.33
Mixed dairy feed, per ton, 16% protein	73.00	141.00	138.25
Mixed hog feed, per cwt.			
14 - 18% protein	4.60	8.48	8.41
38 - 42% protein 3/	6.15	13.65	12.78
Beef cattle supplement, per cwt.			
32 - 36 % protein or over 4/	5.00	9.34	9.29
Bran, per cwt.	3.60	7.73	7.43
Middlings, per cwt.	3.65	7.53	7.29
Corn meal, per cwt.	3.40	5.55	5.43
Soybean meal, per cwt., 44% protein	5.40	12.88	11.63
Cottonseed meal, per cwt., 41% protein	5.30	12.08	11.13
Molasses, per cwt. (Liquid)	3.61	6.87	7.04
Stock salt, per cwt.	1.97	4.33	4.85
Alfalfa meal, per cwt.	4.10	8.22	7.61
FERTILIZER AND SPRAYING MATERIALS:			
Commercial Fertilizer, per ton			
5-10-15	60.50	123.75	120.00
5-20-20	71.50	131.25	126.25
6-12-12	53.00	106.25	99.75
10-10-10	59.50	107.50	106.25
Superphosphate, 46% P_2O_5, per ton	81.50	151.25	148.75
Nitrate of Soda, per ton	72.50	171.67	171.25
Ammonium Nitrate, per ton	67.50	147.50	140.00
Urea, 45 - 46% N, per ton	96.00	177.50	173.75
Muriate of Potash, 60% potash, per ton	56.00	111.25	106.25
Anhydrous Ammonia, per ton	90.00	188.75	173.75
Liming material, per ton	3.85	6.40	6.93
2, 4-D, per 5 gallon			42.00
2, 4, 5-T, per gallon	10.50	20.75	19.50
MOTOR SUPPLIES, EQUIPMENT & SERVICE:			
Gasoline, regular, per gal., includes taxes			
Service station (unleaded starting 1978)	.340	.623	.654
Bulk Delivery (leaded)	.291	.588	.604
Fuel Oil, per gallon	.185	.483	.501
Diesel Fuel, per gallon	.197	.468	.468

1/Average price at independent and chain stores.
2/State season average prices are straight rather than weighted averages.
3/29 percent protein and over prior to 1976.
4/30 percent protein and over prior to 1976.

PRICES PAID BY FARMERS FOR COMMODITIES USED IN PRODUCTION

KENTUCKY 1/, 1968, 1977 and 1978

Commodity and Unit	Annual Average Price		
	1968	1977	1978
		(Dollars)	
MOTOR SUPPLIES, CONTINUED:			
Motor Oil, regular (non-detergent) per gallon	1.75	2.36	2.40
Motor Oil, heavy duty (detergent) per gallon	2.27	2.73	2.80
Grease, per 35 pound pail	7.56	15.00	16.25
Grease, per 14-1/2 ounce cartridge	.371	.570	.613
Auto tires, each 2/			
Bias belted G78 15	23.30	40.13	40.88
Truck tires, 7.50 x 20, 10 ply, each	65.80	87.00	90.25
Tractor tires, rear, 18.4 x 34, 6 ply, each	113.00	226.25	233.75
Storage Batteries			
12 volts, 54 plates per battery, each	23.10	33.63	35.63
12 volts, 66 plates per battery, each	24.50	42.63	43.25
Spark plugs, each	1.04	1.43	1.55
Antifreeze, permanent, per gallon	2.32	4.18	3.90
Oil filter, refill, each	2.61	3.20	3.18
Reline brakes (Ford, Chevrolet, Plymouth)	28.00	39.50	44.75
Motor tune-up (Ford, Chevrolet, Plymouth)			
Labor only	6.30	12.25	11.25
IMPLEMENTS AND MACHINERY:			
Tractors, farm, wheel-type, each			
30 - 39 belt hp	3,730.00	6,900.00	7,500.00
50 - 59 belt hp	5,230.00	9,700.00	10,000.00
110 - 129 belt hp		20,000.00	23,000.00
Mowers, tractor drawn or mounted, 7 ft.	520.00	1,100.00	1,200.00
Plows, tractor drawn or mounted			
3 bottoms, one way	525.00	1,200.00	1,250.00
5 bottoms, one way 3/	800.00	3,250.00	3,575.00
Planters, corn with fert. attachment			
4-row	1,250.00	4,000.00	4,100.00
Hay rakes, side delivery traction	560.00	1,250.00	1,350.00
Tractor manure loaders, hydraulic	445.00	1,400.00	1,750.00
Farm wagons, less tires and box	200.00	485.00	540.00
Manure spreader, power driven			
90 - 140 Bushel capacity	800.00	1,800.00	2,150.00

1/ Average price at independent and chain stores.
2/ Auto tires 7.75/7.50 - 14, 4 ply, each for 1968.
3/ 4 bottom prior to 1969.

KENTUCKY FARM LABOR AND WAGE RATES

Numbers of farm workers in Kentucky have shown a slow downward trend over the years. In 1978 the average farm labor force at 130,000 decreased 4 percent from the previous year. A comparison with the same figure five years ago shows a 12 percent decrease. Making up the whole farm labor force, family and all hired workers averaged 98,000 and 32,000 respectively. Representing 75 percent of the total farm labor force, the number of farm operators and their family members doing farm work decreased 9 percent from last year. All hired workers, accounting for 25 percent of the total, increased 14 percent.

Farm wage rates for all hired farm workers increased 11 percent in 1978 to $2.75 per hour. Rates per hour for other than piece rate averaged $2.75 compared with $2.47 in 1977. This is an 11 percent increase. Wage rates for cash wage only, averaging $2.77 per quarter, increased 5 percent. Rates per hour, receiving cash wages only, increased 7 percent from $2.49 in 1977 to $2.66 in 1978.

FARM WAGE RATES BY METHOD OF PAY

BY QUARTERS
1977-1979

Quarter	All Hired Farm Workers	By Other Than Piece Rate	By Hour Only	By Cash Wage Only	By Hour Receiving Cash Wages Only
			(Dollars per Hour)		
1977					
January	2.61	2.61	2.43	2.64	2.54
April	2.48	2.46	2.29	2.80	2.48
July	2.35	2.35	2.36	2.40	2.36
October	2.47	2.46	2.45	2.68	2.58
1978					
January	2.53	2.53	2.35	2.56	2.40
April	2.81	2.81	2.65	2.97	2.85
July	2.85	2.85	2.60	2.75	2.70
October	2.80	2.80	2.70	2.79	2.70
1979					
January	3.20	3.23	2.99	3.10	2.90
April	2.81	2.81	2.65	2.97	2.85

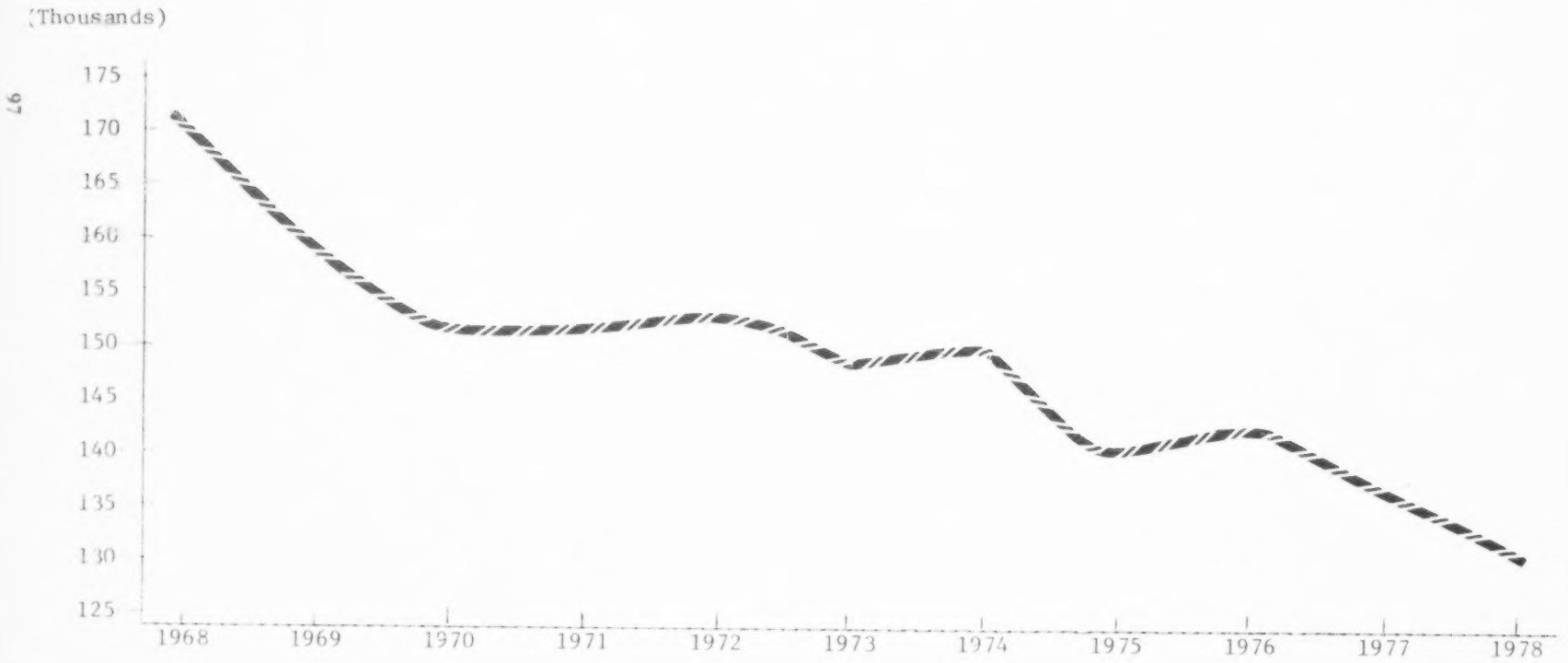
KENTUCKY: NUMBER OF FARM WORKERS BY QUARTERS

Quarter	Total Farm Workers	Family Workers 1/	Hired Workers 2/
1977			
January	103	83	20
April	139	115	24
July	176	133	43
October	126	99	27
1978			
January	98	81	17
April	115	91	24
July	163	118	45
October	145	101	44
1979			
January	98	78	20
April	74	58	16

1/ Includes farm operators doing any farm work and members of their families working 15 hours or more during the survey week.
2/ Includes all persons doing one or more hours of farm work for pay during the survey week.

Labor is a major cost of tobacco production. Here Warren County farmers are topping the 1979 crop.

TOTAL NUMBER OF KENTUCKY FARM WORKERS, 1968 - 1978



KENTUCKY FARMS

The U. S. Department of Agriculture has adopted a new definition of a farm. The definition, which took effect this year, encompasses "places which had annual sales of agricultural products of $1,000 or more."

Under this new definition, the number of farms in Kentucky continued to drop to 99,000 in 1978. Preliminary 1979 figures reckon the number of farms at 96,000, a 3 percent decline from Kentucky's 1978 mark.

Kentucky ranked seventh nationally in number of farms in 1978, just behind North Carolina and approximately 1,000 farms ahead of Ohio.

Kentucky's total acres of farmland for 1978 were 14,500,000, the same as the 1977 figure, but the preliminary estimate for 1979 continued the long-running downward trend.

The size of the average farm made a minor increase again in 1978, with the estimated 1979 figure still slightly higher. The average size farm, about 150 acres in 1979, has grown 13 acres since 1975. The rate of the increase in the size of the average size farm has gone up as the implementation of the new definition of "farm" has eliminated many of the smallest operations.

KENTUCKY FARMS: NUMBER AND SIZE

1975 - 1979

YEAR	FARMS		LAND IN FARMS		AVERAGE SIZE OF FARM	
	Old Definition 1/	New Definition 2/	Old Definition 1/	New Definition 2/	Old Definition 1/	New Definition 2/
	(Thousands)		(Thousand Acres)		(Acres)	
1975	120	107	15,600	14,700	130	137
1976	119	106	15,600	14,600	131	138
1977	118	103	15,500	14,500	131	141
1978	117	99	15,400	14,500	132	146
1979 3/	4/	96	4/	14,400	4/	150

1/ Places of 10 or more acres that had annual sales of agricultural products of $50 or more and places of less than 10 acres that had annual sales of $250 or more.
2/ Places which had annual sales of agricultural products of $1,000 or more. Series initiated with 1975. 3/ Preliminary. 4/ Series discontinued.

NUMBER AND SIZE - SELECTED STATES

STATE	NUMBER OF ALL FARMS			AVERAGE SIZE OF FARMS			LAND IN FARMS		
	1977	1978	1979 1/	1977	1978	1979 1/	1977	1978	1979 /
	(Thousands)			(Acres)			(Thousand Acres)		
KENTUCKY	103	99	96	140	146	150	14,500	14,500	14,400
Indiana	91	90	89	186	188	190	16,900	16,900	16,900
Illinois	111	109	107	259	263	268	28,800	28,700	28,700
Ohio	99	98	97	167	167	168	16,500	16,400	16,300
W. Virginia	19.7	19.6	19.5	214	214	214	4,220	4,200	4,180
Tennessee	98	96	94	142	144	146	13,900	13,800	13,700
Missouri	122	120	118	265	269	274	32,300	32,300	32,300

1/ Preliminary

KENTUCKY FARM REAL ESTATE

TAXES LEVIED ON FARM REAL ESTATE, KENTUCKY AND U. S., 1967 and 1973 - 1977 1/

		1967	1973	1974	1975	1976	1977
KENTUCKY							
Per Acre	$	1.23	1.57	1.71	1.92	1.99	2.05
Per $100 Full Value	$	.58	.47	.43	.44	.39	.38
TOTAL TAXES	Mil. $	19.7	24.9	27.6	30.8	31.7	32.7
UNITED STATES							
Per Acre	$	1.76	2.56	2.70	2.92	3.17	3.40
Per $100 Full Value	$	.98	.96	.93	.78	.74	.74
TOTAL TAXES	Mil. $	1730.5	2450.1	2584.9	2854.7	3098.4	3243.9

1/ Farmland and improvements.

FARM REAL ESTATE: Indexes of Average Value per Acre
Kentucky, Surrounding States, 48 States
March 1, 1972 - 1975 and February 1, 1976 - 1979 1/

STATE	MAR 1972	MAR 1973	MAR 1974	MAR 1975	FEB 1976	FEB 1977	FEB 1978	FEB 1979 2/
	(MARCH 1, 1967 = 100)							
Ohio	127	147	184	208	252	331	373	449
Indiana	113	131	161	200	244	321	361	415
Illinois	116	129	173	209	260	353	390	441
Virginia	149	171	223	250	278	302	327	386
West Virginia	177	211	275	317	398	417	426	498
North Carolina	138	164	200	216	232	246	253	299
KENTUCKY	137	153	182	203	239	281	317	374
Tennessee	142	167	206	236	251	275	307	338
48 States	132	150	187	213	242	283	308	351

1/ Includes improvements. 2/ Preliminary.

FARM REAL ESTATE: Average Value per Acre of Land and Buildings
and Percent Change from the Previous Year, Kentucky, Surrounding States, 48 States
March 1, 1974 and February 1, 1976 - 1979

STATE	MAR 1, 1974		FEB 1, 1976		FEB 1, 1977		FEB 1, 1978		FEB 1, 1979 1/	
	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg
Ohio	$ 627	24	$ 856	21	$1,121	31	$1,263	13	$1,516	20
Indiana	592	20	878	22	1,159	32	1,303	12	1,498	15
Illinois	720	27	1,052	24	1,431	36	1,581	10	1,786	13
Virginia	501	28	620	11	676	9	732	8	864	18
W. Virginia	262	28	375	25	394	5	403	2	472	17
N. Carolina	551	20	637	8	675	6	694	3	819	18
KENTUCKY	385	1[illegible]	504	18	595	18	671	13	792	18
Tennessee	415	0	495	6	545	10	608	12	669	10
48 States 2/	302	23	387	13	450	16	488	8	559	15

1/ Preliminary. 2/ Revised.

KENTUCKY FARM REAL ESTATE

FARM REAL ESTATE: Total Value of Land and Buildings
Kentucky and Surrounding States, 48 States, February 1, 1976 - 1979

STATE	TOTAL LAND AND BUILDINGS				FARM BUILDINGS VALUE			
	1976	1977	1978	1979	1976	1977	1978	1979
	(Million Dollars)							
KENTUCKY	7,358	8,628	9,730	11,405	1,825	2,122	2,374	2,760
Virginia	6,262	6,692	7,174	8,381	1,428	1,512	1,607	1,861
W. Virginia	1,594	1,663	1,693	1,973	456	471	474	547
N. Carolina	7,899	8,370	8,606	10,156	1,959	2,059	2,100	2,458
Tennessee	6,930	7,576	8,390	9,165	1,532	1,659	1,821	1,970
Ohio	14,210	18,496	20,713	24,711	3,581	4,606	5,116	6,054
Illinois	30,403	41,213	45,375	51,258	5,321	7,130	7,759	8,663
Indiana	14,838	19,587	22,021	25,316	3,457	4,525	5,043	5,747
48 States	406,291	471,260	511,903	583,914	69,486	80,615	87,093	98,363

FARM REAL ESTATE: Average Value per Operating Unit
Kentucky and Surrounding States, 48 States

STATE	March 1 1975	February 1 1976	February 1 1977	February 1 1978	February 1 1979
			(Dollars)		
KENTUCKY	58,700	69,400	83,800	98,300	118,800
Virginia	91,200	102,700	111,500	119,600	142,100
W. Virginia	63,900	79,700	84,400	86,400	101,200
N. Carolina	70,200	76,700	82,900	86,100	102,600
Tennessee	64,100	69,300	77,300	87,400	97,500
Ohio	116,700	142,100	186,800	211,400	254,800
Illinois	214,500	269,100	371,300	416,300	479,000
Indiana	130,200	159,500	215,200	244,700	284,400
48 States	144,400	165,800	195,900	216,400	251,000

Farms And Cropland Rented For Cash,
Gross Cash Rent Per Acre and Ratio Of Rent-To-Value,
Kentucky and Surrounding States, March 1, 1977 - 1979

STATE	FARMS						CROPLAND					
	Rent Per Acre			Ratio Of Rent			Rent Per Acre			Ratio Of Rent		
	1977	1978	1979	1977	1978	1979	1977	1978	1979	1977	1978	1979
	(Dollars)			(Percent)			(Dollars)			(Percent)		
KENTUCKY	39.30	38.00	40.10	6.3	5.4	4.7	49.50	50.00	51.90	7.0	6.0	5.0
Virginia	31.40	28.70	28.50	5.2	4.2	3.8	36.90	36.00	34.30	4.8	4.4	3.8
N. Carolina	31.70	28.50	34.40	4.7	4.1	4.5	36.40	34.50	37.10	4.5	4.3	4.1
Tennessee	32.50	36.60	37.00	5.7	5.5	4.9	41.10	43.10	47.10	6.0	5.9	5.5
Ohio	53.00	59.60	69.00	4.7	4.6	4.1	59.80	68.00	76.80	4.8	4.6	4.2
Illinois	81.00	85.00	92.00	4.9	4.4	4.3	89.00	93.00	99.00	5.0	4.5	4.3
Indiana	78.00	80.10	85.00	5.9	5.6	5.2	87.00	86.00	91.70	6.0	5.6	5.3
Missouri	36.30	40.00	44.30	6.4	6.3	5.9	46.50	50.90	57.80	6.8	6.7	6.5

FERTILIZER FACTS

Total consumption of commercial fertilizer in Kentucky for the year ending June 30, 1978 totaled 986,608 tons. This was 13 percent below the previous year's total of 1,134,335 tons. The late spring and growing season of 1978 that slowed fertilizer applications, and a decline in corn acreage helped contribute to the lower consumption.

Of the 986,608 tons applied, 537,981 tons were mixtures and 448,627 tons were applied directly as primary and secondary nutrient materials. Eighty-two percent of the total fertilizer consumed for the year ending June 30, 1978 was in the second six-month period of January 1, 1978 to June 30, 1978.

Total primary nutrients applied for both mixtures and primary nutrient materials were 157,745 tons nitrogen, 132,950 tons phosphate and 158,032 tons potash. Materials applied directly for primary nutrients averaged 42.5 percent nitrogen for nitrogen materials, 44.5 percent phosphate for phosphate materials, and 58.7 percent potash for potash materials. All mixed fertilizers combined averaged 9.8 percent nitrogen, 20.5 percent phosphate and 13.4 percent potash. The three leading mixed fertilizers were 5-10-15, 18-46-0 and 10-10-10, respectively.

FERTILIZER

CONSUMPTION IN KENTUCKY, BY KINDS, AND CONSUMPTION OF PRIMARY NUTRIENTS
1960 - 1978

Year Ended June 30	KIND OF FERTILIZER				PRIMARY NUTRIENTS		
	Mixed Fertilizer	Primary Nutrient Materials	Secondary & Micro-Nutrients	Total Fertilizer	N	Available P_2O_5	K_2O
	(Tons)						
1960	462,000	107,276	111	569,387	44,517	66,374	67,116
1965	520,716	150,829	377	671,922	67,050	78,835	86,415
1966	546,895	183,681	639	731,215	79,850	85,914	95,977
1967	538,865	204,422	528	743,815	87,571	87,246	95,702
1968	532,547	210,028	357	742,932	88,297	86,792	97,502
1969	543,060	268,341	256	811,657	108,046	97,933	108,801
1970	476,522	287,306	208	764,036	101,458	90,358	110,405
1971	542,039	287,499	257	829,795	113,751	104,377	116,051
1972	514,088	293,696	347	808,131	108,923	104,730	115,400
1973	544,588	300,081	390	845,059	113,302	112,156	122,848
1974	605,857	342,366	586	948,809	128,813	112,433	134,410
1975	570,613	309,958	386	880,957	124,782	104,459	117,006
1976	609,028	402,333	4,389	1,015,750	152,172	130,792	148,337
1977	634,078	497,111	3,146	1,134,335	182,772	150,456	169,690
1978 1/	537,981	446,978	1,649	986,608	157,745	132,950	158,03

1/ 1978 Preliminary.

CHEMICAL NITROGEN MATERIALS

CONSUMPTION, KENTUCKY
1960 - 1978

Year Ended June 30	Ammonia		Ammonium		Nitrogen Solutions	Sodium Nitrate	Urea
	Anhydrous	Aqua	Nitrate	Sulfate			
			(Tons)				
1960	4,914		32,753	1,251	6,476	1,876	296
1965	12,312		49,168	571	18,702	2,740	1,453
1966	17,890	1,019	60,031	853	23,638	2,343	2,243
1967	22,933		65,706	738	30,343	2,537	2,741
1968	18,702	3,200	76,185	741	25,775	2,656	2,571
1969	29,235		93,211	780	37,880	2,375	2,748
1970	23,144		100,601	1,625	39,516	2,613	1,915
1971	26,451		97,321	2,302	40,779	1,900	4,100
1972	20,886		101,623	1,276	37,345	1,736	5,238
1973	15,156	786	111,913	1,494	21,923	1,317	7,368
1974	25,857	123	112,601	3,109	25,413	1,287	9,767
1975	22,913	116	107,544	1,132	54,136	2,576	13,183
1976	39,275	0	118,155	1,317	64,458	855	15,150
1977	45,282	0	128,703	642	71,643	1,205	46,653
1978 1/	42,905	137	78,756	871	82,132	1,346	36,924

1/ 1978 Preliminary.

PHOSPHATE AND POTASH MATERIALS

Year Ended June 30	PHOSPHATE MATERIALS					POTASH MATERIALS	
	Superphosphates		Phosphate Rock 2/	Ammonium Phosphates 3/	Other	Chlorides 50% - 62% Grades	Other
	Grades 22% and Under	Grades Over 22%					
			(Tons)				
1960	21,029	5,353	8,386	502	5,072	11,635	5,461
1965	16,295	6,530	3,989	1,479	9,006	16,550	8,396
1966	14,177	20,821	3,163	405	1,973	22,281	9,021
1967	13,905	22,329	2,995	260	5,859	22,333	9,383
1968	9,421	24,126	5,634	1,151	296	25,450	9,699
1969	7,699	33,922	3,807	1,220	318	38,155	13,682
1970	5,355	34,355	2,697	1,166	301	58,250	12,402
1971	9,573	35,100	912	0	1,750	44,835	16,891
1972	7,705	40,276	964	0	1,622	52,144	16,946
1973	1,654	39,141	1,214	203	28	64,111	14,232
1974	6,565	30,181	13,921	1,044	136	73,841	10,433
1975	310	30,962	647	553	514	56,888	10,028
1976	470	46,194	258	125	2,371	93,001	14,873
1977	1,862	53,521	170	168	20	125,519	15,775
1978 1/	1,403	49,480	135	59	27	128,703	17,982

1/ 1978 Preliminary. 2/ Includes colloidal phosphate. 3/ Total 11-48-0, 13-39-0, 16-20-0, 21-53-0, and 27-14-0 grades.

FERTILIZER SOLD IN KENTUCKY

MATERIALS	January - June 1977	January - June 1978	July - December 1977	July - December 1978	Total 1977	Total 1978	Compared + or -
			(Tons)				
Nitrate of Soda	935	1,029	317	303	1,252	1,332	+ 80
Ammonium Sulfate	803	634	249	159	1,052	793	- 259
Nitrogen Solutions	58,397	33,584	14,389	14,961	72,786	48,545	- 24,241
Ammonium Nitrate	99,070	88,003	19,625	23,124	118,695	111,127	- 7,568
Anhydrous Ammonia	41,481	39,861	3,044	4,747	44,525	44,608	+ 83
Urea	41,152	36,925	6,259	5,003	47,411	41,928	- 5,483
TOTAL NITROGEN MATERIAL	241,838	200,036	43,883	48,297	285,721	248,333	- 37,388
TOTAL PHOSPHATE MATERIAL 2/	37,854	32,868	17,934	21,882	55,788	54,750	- 1,038
Sulfate of Potash - Magnesia	1,487	1,377	313	912	1,800	2,289	+ 489
Sulfate of Potash	9,314	9,449	7,504	6,067	16,818	15,516	- 1,302
Muriate of Potash	90,404	99,207	27,820	42,207	118,224	141,414	+ 23,190
TOTAL POTASH MATERIAL	101,205	110,033	35,637	49,186	136,842	159,219	+ 22,377
Miscellaneous Materials	2,004	1,998	765	1,006	2,769	3,004	+ 235
TOTAL MATERIALS	382,901	344,935	98,282	120,371	481,183	465,306	- 15,877
TOTAL MIXED	533,270	459,782	79,326	98,898	612,596	558,680	- 53,916
MISCELLANEOUS FERTILIZER 3/	5,588	5,814	765	2,627	6,353	8,441	+ 2,088
TOTAL TONS SOLD	921,759	810,531	178,373	221,896	1,100,132	1,032,427	- 67,705

1/ Data collected by Division of Regulatory Services, Agricultural Experiment Station, Lexington, Kentucky. Fertilizer sold as straight materials and miscellaneous products based on tonnage reports from manufacturers. 2/ Includes superphosphate and triple superphosphate. 3/ Includes minor nutrients, filler when reported separately, and other fertilizers of unspecified composition.

CONSUMPTION OF FERTILIZER BY KIND, KENTUCKY, SELECTED STATES, & UNITED STATES

STATE	Mixtures		Direct Application Materials 1/2/				Total Fertilizer		1978 as % of 1977
			Primary Nutrient		Secondary and Micro - Nutrient				
	1977	1978	1977	1978	1977	1978	1977	1978	
	(Tons)		(Tons)		(Tons)		(Tons)		(%)
Illinois	1,527,693	1,256,543	2,805,470	2,365,503	583	194	4,333,746	3,622,240	84
Indiana	1,486,379	1,413,031	1,420,694	1,378,230	863	324	2,907,936	2,791,585	96
KENTUCKY	634,078	537,981	497,111	446,978	3,146	1,649	1,134,335	986,608	87
Missouri	1,318,256	1,116,126	469,249	329,004	151	82	1,787,656	1,445,212	81
Ohio	1,053,467	962,674	993,344	1,005,487	1,446	2,784	2,048,257	1,970,945	96
Tennessee	497,970	449,873	360,157	346,900	940	1,201	859,067	797,974	93
Virginia	643,347	578,318	241,641	190,017	32,232	20,898	917,220	789,233	86
West Virginia	46,110	38,261	30,241	27,150	61	28	76,412	65,439	86
UNITED STATES	24,099,428	22,121,250	24,999,154	23,588,966	2,525,093	1,876,589	51,623,675	47,586,805	92

1/ Excludes liming materials.

2/ Excludes materials used in commercial mixtures.

FERTILIZER CONSUMPTION IN KENTUCKY

20 GRADES, 1977 - 1978 1/

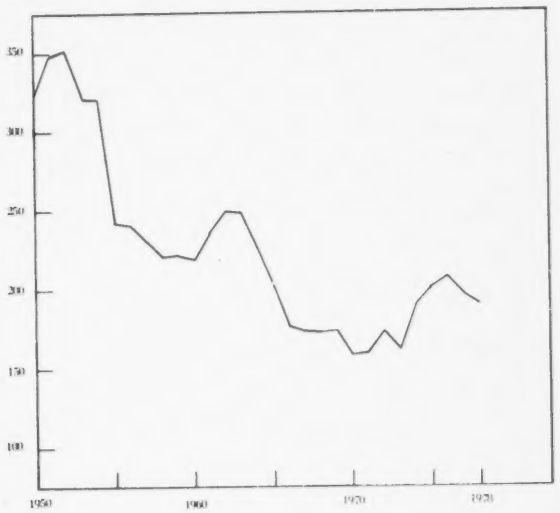
GRADE	January - June		July - December		Total		1978/1977 Compared
	1977	1978	1977	1978	1977	1978	+ or -
			(Tons)				
10-10-10	95,356	75,317	12,057	11,622	107,413	86,939	- 20,474
5-10-15	104,585	89,531	10,452	8,775	115,037	98,306	- 16,731
5-20-20	35,567	26,393	4,519	5,481	40,086	31,874	- 8,212
6-24-24	37,267	30,157	5,492	4,787	42,759	34,944	- 7,815
6-12-12	9,815	7,619	994	678	10,809	8,297	- 2,512
18-46-0	78,738	75,542	23,470	31,383	102,208	106,925	+ 4,717
6-12-18	6,473	6,381	237	336	6,710	6,717	+ 7
15-15-15	16,114	15,833	1,268	1,255	17,382	17,088	- 294
12-12-12	8,697	4,474	574	652	9,271	5,126	- 4,145
0-20-20	4,049	3,013	440	648	4,489	3,661	- 828
4-16-4	2,930	3,396	516	1,268	3,446	4,664	+ 1,218
10-20-20	2,115	1,583	1,167	1,368	3,282	2,951	- 331
10-10-20	3,400	3,409	438	298	3,838	3,707	- 131
5-10-10	3/	3/	148	198	148	198	+ 50
12-24-24	2,013	2,076	69	249	2,082	2,325	+ 243
Other Grades	64,503	61,775	6,701	18,916	71,204	80,691	+ 9,487
Miscellaneous 2/	61,648	53,283	10,784	10,984	72,432	64,267	- 8,165
Total Mixed Fertilizer	533,270	459,782	79,326	98,898	612,596	558,680	- 53,916

1/ Data collected by Division of Regulatory Services, Agricultural Experiment Station, Lexington, Kentucky. Mixed fertilizer sales by grades based on tonnage reports by manufacturers. 2/ Grades registered by fewer than three companies and miscellaneous grades with low tonnage. 3/ Not reported individually.

KENTUCKY TOBACCO

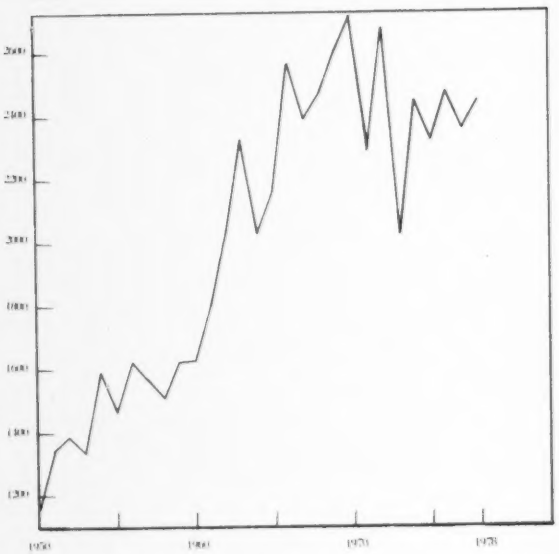
ALL TOBACCO ACRES HARVESTED
1950-1978

(000) ACRES



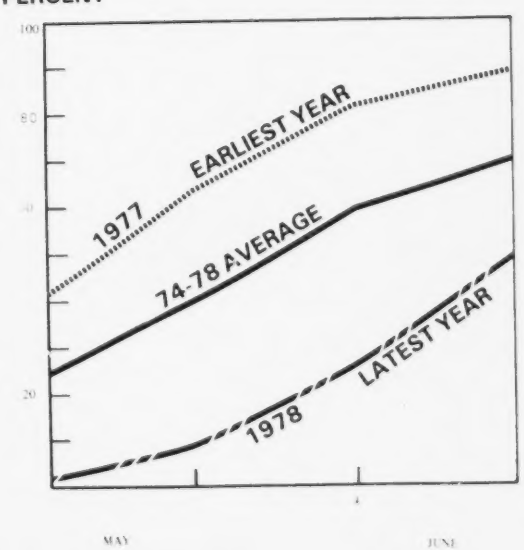
BURLEY TOBACCO YIELD
1950-1978

LBS



% OF BURLEY SET
74-78 AVERAGE

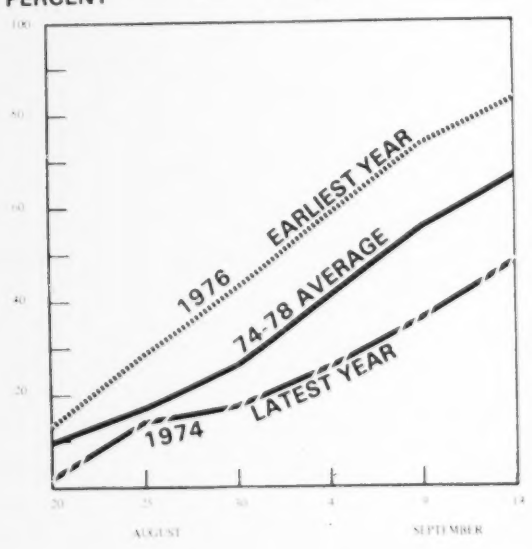
PERCENT



% OF BURLEY CUT
74-78 AVERAGE

lower at pg. 108

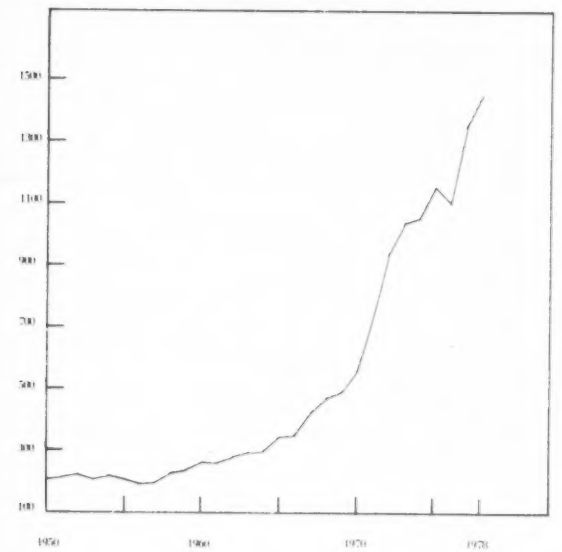
PERCENT



KENTUCKY SOYBEANS

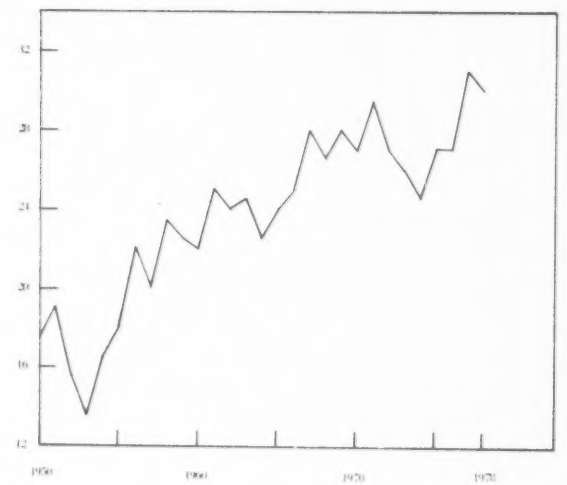
ALL SOYBEAN ACRES PLANTED
1950-1978

(000) ACRES



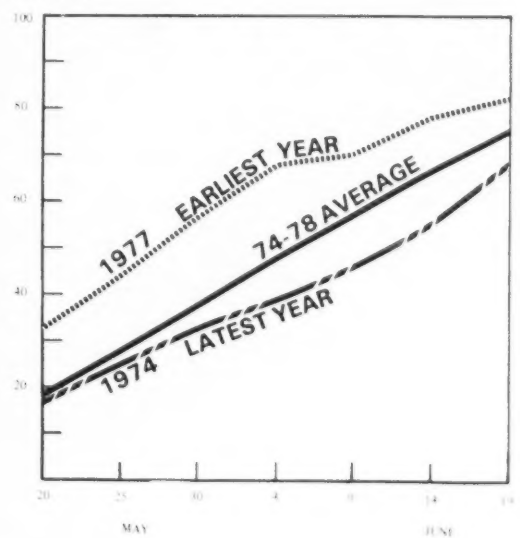
SOYBEAN YIELD PER HARVESTED ACRE
1950-1978

BUSHELS



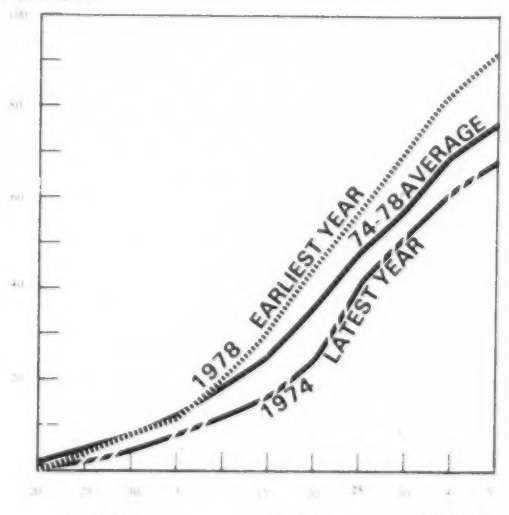
SOYBEANS % PLANTED
74-78 Average

PERCENT



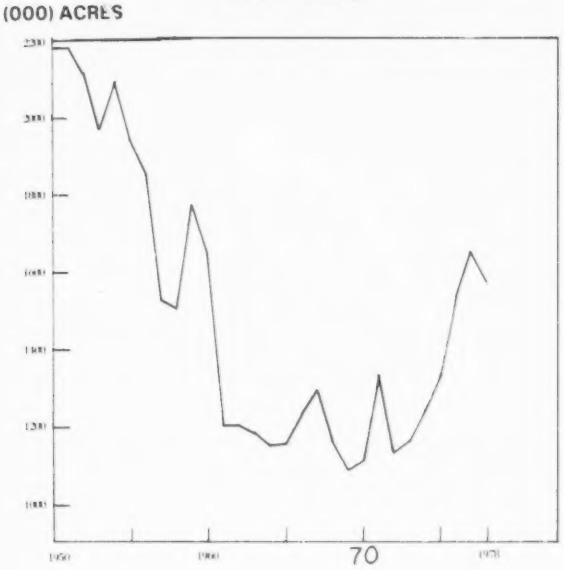
SOYBEANS % HARVESTED
74-78 AVERAGE

PERCENT

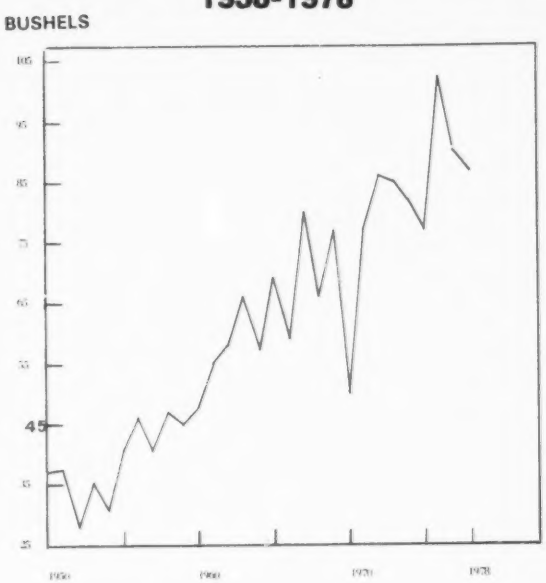


KENTUCKY CORN

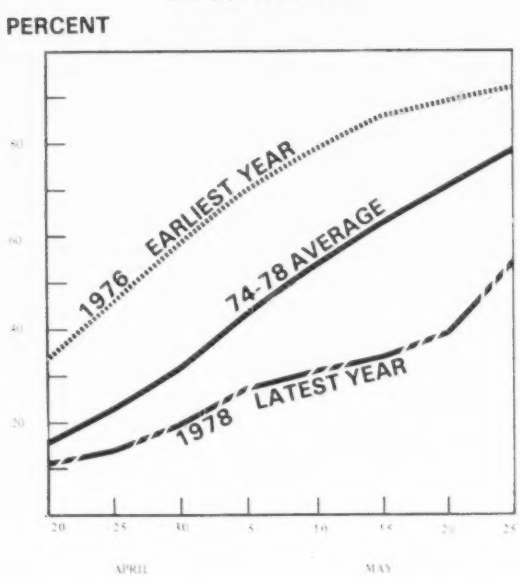
ALL CORN ACRES PLANTED
1950-1978



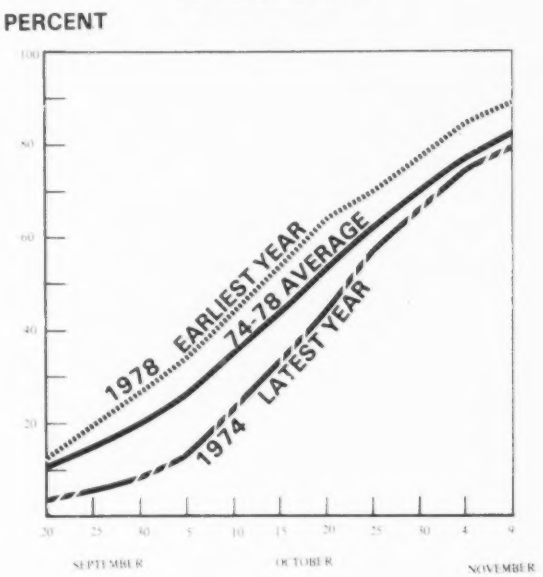
CORN YIELD PER ACRE HARVESTED FOR GRAIN
1950-1978



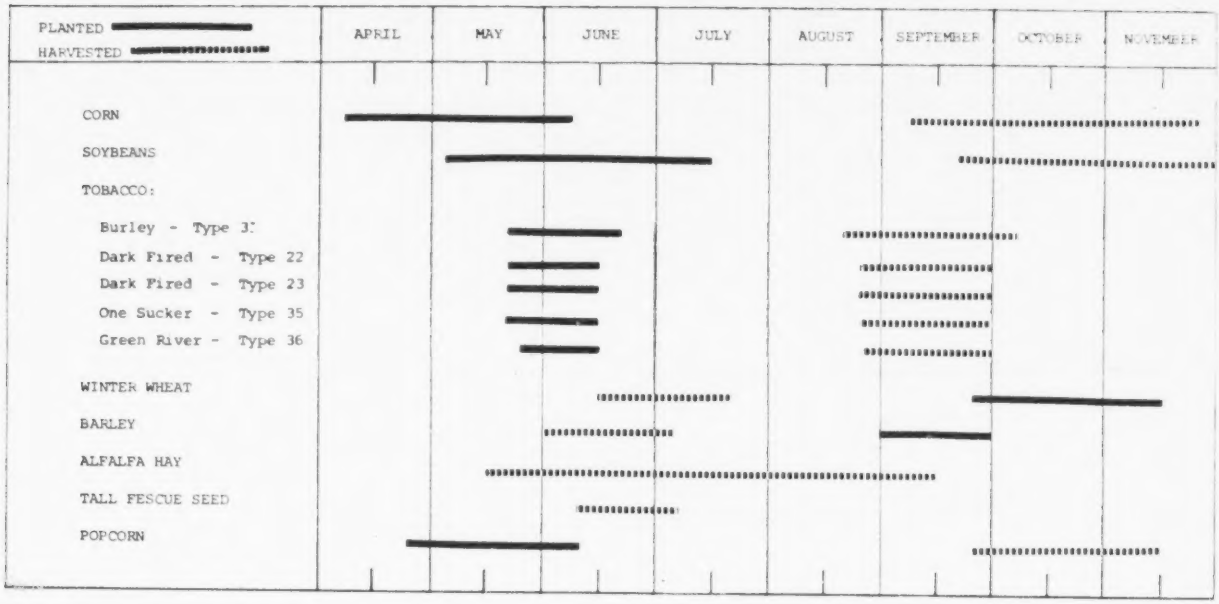
CORN % PLANTED
74-78 AVERAGE



CORN % HARVESTED
74-78 AVERAGE



KENTUCKY CROP CALENDAR



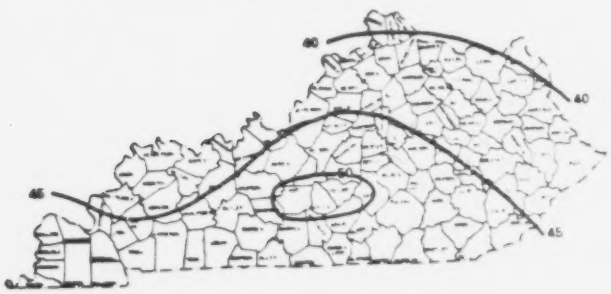
USUAL PLANTING & HARVESTING DATES

CROP	USUAL PLANTING DATES	USUAL HARVESTING DATES			PRINCIPAL PRODUCING DISTRICTS AND COUNTIES
		BEGIN	MOST ACTIVE	END	
CORN 1/	Apr 10 - Jun 10	Sep 10	10/ 5 - 10/30	Nov 25	Statewide
SOYBEANS	May 5 - Jul 15	Sep 20	10/ 1 - 11/ 1	Dec 1	1, 2, Part 3
TOBACCO: 2/					
Burley - Type 31	May 20 - Jun 20	Aug 20	9/ 1 - 9/25	Oct 5	Statewide
Dark Fired - Type 22	May 20 - Jun 15	Aug 25	9/ 5 - 9/20	Oct 1	Christian, Trigg, Todd, Logan
Dark Fired - Type 23	May 20 - Jun 15	Aug 25	9/ 5 - 9/20	Oct 1	Calloway, Graves
One Sucker - Type 35	May 20 - Jun 15	Aug 25	9/ 5 - 9/25	Oct 1	1, 2
Green River - Type 36	May 25 - Jun 20	Aug 25	9/ 5 - 9/20	Oct 1	Daviess, McLean, Henderson, Webster
WINTER WHEAT	Sep 25 - Nov 15	Jun 15	6/20 - 7/10	Jul 20	1, 2, Part 3
BARLEY	Sep 1 - Oct 1	Jun 1	6/10 - 6/25	Jul 5	2, 3
SORGHUM GRAIN	May 1 - Jun 20	Oct 1	10/15 - 11/ 1	Nov 10	1
ALFALFA HAY		May 15		Sep 15	3, 5
ALL OTHER HAY		Jun 15		Oct 10	1, 2, 3, 5, 6
TALL FESCUE SEED		Jun 10	6/15 - 6/30	Aug 15	1, 2, 3, 5
APPLES		Jun 15		Sep 30	McCracken, Warren, Casey, Boone, Trimble
PEACHES		Jun 15		Sep 1	Boone, McCracken, Warren
POPCORN	Apr 25 - Jun 10	Sep 25	10/ 1 - 10/25	Nov 15	Calloway, Graves, Todd, Logan, Christian

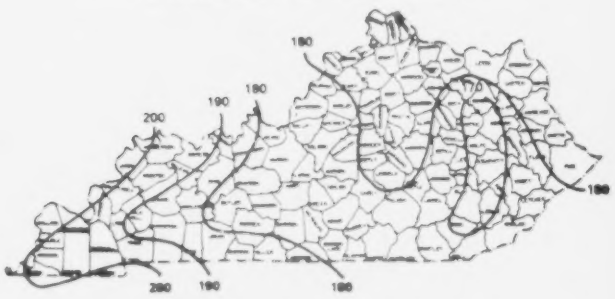
1/Dates refer to corn harvested for grain. 2/ Planting dates refer to tobacco set in the field.

KENTUCKY WEATHER PATTERNS

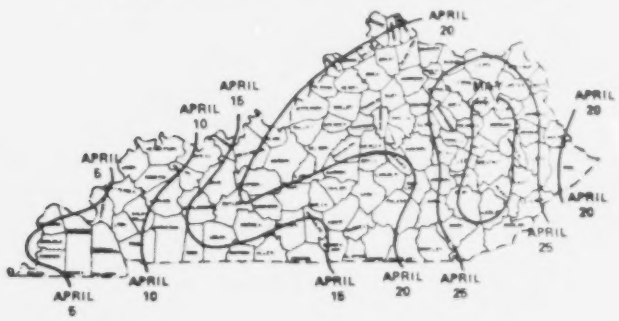
MEAN ANNUAL PRECIPITATION (Inches)



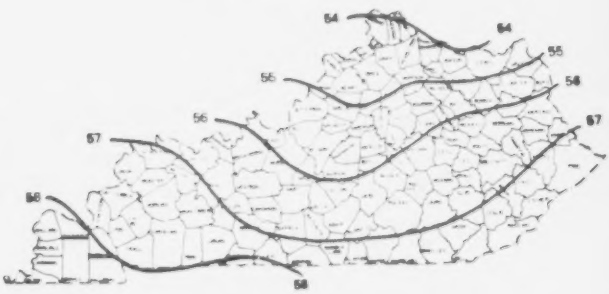
AVERAGE NUMBER OF DAYS
DURING THE GROWING SEASON



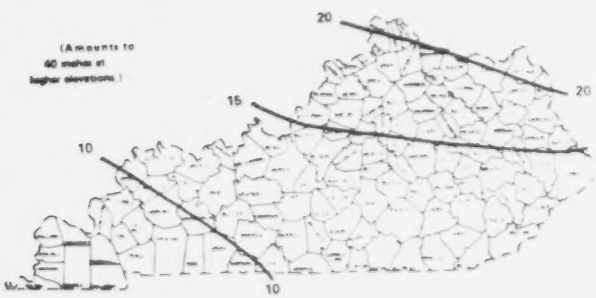
AVERAGE DATE OF LAST 32°F IN SPRING



MEAN ANNUAL TEMPERATURE



MEAN ANNUAL SNOWFALL



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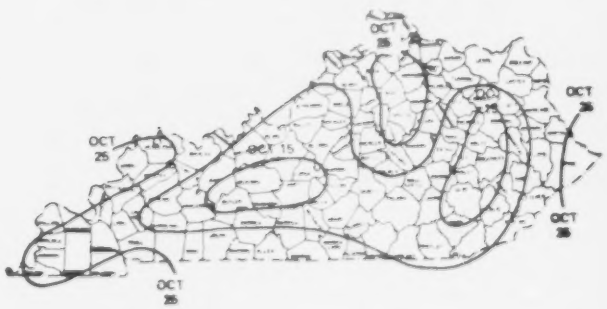

KENTUCKY AGRICULTURAL STATISTICS

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THE COMMISSIONER SPEAKS

AN OPEN LETTER FROM THE KENTUCKY DEPARTMENT OF AGRICULTURE

Statistical reports play a vital role in decision-making in every form of business imaginable. Without accurate reports on what has been accomplished, one would have no way of determining what direction should be taken to improve in the future. The business of agriculture is no exception. That is why I am extremely proud of the contribution we, here at the Kentucky Department of Agriculture, have made to the publication of this book.

Jointly sponsored by the Kentucky Department of Agriculture and USDA's Kentucky Crop and Livestock Reporting Service, this publication, the 1979-1980 "Kentucky Agricultural Statistics", will provide essential information which makes the decision-making process for farmers a little easier.

Included are state and county statistics on all agricultural commodities produced in Kentucky as well as some highlights in Kentucky agriculture over the past year. Because of this, I have utilized this information on almost a daily basis as a tool in my capacity as Commissioner.

I want to express my gratitude to the Crop and Livestock Reporting Service and to the Kentucky Department of Agriculture's Division of Markets for compiling the information for this valuable tool and making it available for widespread use.

Sincerely,

Alben Barkley

ALBEN W. BARKLEY, II,
Kentucky Commissioner of Agriculture

FOREWORD

Mid - 1980 has arrived and economically this new decade is off to a poor start. Farmers are discouraged. Seems the more farmers produce the less they prosper. Inflation and recession doldrums are plaguing many Americans; but, how many businessmen are selling their products for less than previous years? Kentucky hog, egg, and soybean farmers have been faced with prices considerably below 1979. For example, hog prices at mid-April 1980 averaged $27.00 per cwt. -- 38 percent less than the $43.90 of a year earlier. The April 1980 level of hog prices was the lowest since June 1974. Think about that with the inflation rate for the last 6 years. How many salaried workers could survive on 1974 wages? April 1980 soybean prices were 23 percent below April 1979. Even calf prices were down nearly $18.00 per cwt. By mid-May Kentucky egg prices had shrunk to 41.8 cents per dozen, even though egg production is about comparable with a year ago here in the United States. Better returns are essential. Farmers cannot survive on hope. Farmers need a fair return on their investment and labors, and each of us as consumers (eating every day) have a genuine interest in keeping this farmer-producer in business.

The agricultural statistics in this publication are possible because of the excellent cooperation of Kentucky farmers and agribusiness. Record production of corn, soybeans, and hogs has placed downward pressure on prices and many farmers are asking "Why should I report?" It is a good question; afterall, participation in surveys is purely voluntary. But the reason so many growers do take part is that they know their involvement is the basis for developing Kentucky and National crop, livestock, and price estimates. Statistics are essential for looking back, comparing the present with the past, and giving some insight to the future.

There are a number of common myths associated with crop and livestock reports. One is that the individual farm reports are not confidential. The second is the belief that data are manipulated to reflect what the government wants the reports to show. And the third is that crop and livestock reports always cause farm prices to go down.

Each of these myths is untrue. First, let's take a look at confidentiality. Each year this office receives thousands of individual reports from Kentucky farmers. Each questionnaire includes the statement "Your report will be kept confidential". Each State Statistician lives up to that bond and individual reports are used only in summation with other reports. Individual

information that could be identified are destroyed. For over a century, voluntary reporting has served as the basis for our estimates and this trust must never be broken.

As for doubts expressed about "manipulation" of the survey data, this is absolutely incorrect at any level. All Kentucky crop forecasts and livestock inventory estimates are based on the reports of Kentucky producers themselves --not guesswork, not by using questionable choices but through the use of a meticulously accurate system that includes a sampling of big farmers, little farmers, and those in between. By law, the USDA Crop Reports must be based on "reports from practical farmers". None of this is to say, however, that we rubber stamp and accept every farmer report. Each one is closely scrutinized for possible errors and, if out of line, will be corrected before the survey is summarized. If there is time, we will telephone an individual reporter to confirm an unusually high or low report. In short, everything possible is done to insure an accurate, representative sample of all farmers.

The last and most frequently heard comment is that crop and livestock reports always depress prices that farmers receive for their commodities. That, too, is a malicious myth that deserves to be put permanently to rest. Prices for crops and livestock are determined by supplies and the need or demand for the commodity. Prices are influenced by available supply held by producers, stocks in buyers' hands, anticipated production and competing products. Buyers and traders make their own private decisions on available supplies and total demand for a commodity. By following growing conditions through daily weather reports, local informants and other sources of information, they anticipate the size of the crop. The position the trader takes in the market is based on this evaluation. If the next crop report confirms his evaluation, prices will change only marginally after a report is issued. However, if the trader's evaluation was different from what is shown in the crop report, adjustments in market positions are made and prices fluctuate. Prices don't always go down; and, sometimes they go up as a result of crop reports. Yet, this myth and the two others continue to be a stumbling block to good rapport, participation and use of agricultural statistics which are so important to the welfare and management decisions of Kentucky farmers and ranchers.

Sincerely,

Dave Williamson

DAVID D. WILLIAMSON,
Agr'l Statistician in Charge

HIGHLIGHTS OF THE 70'S

Burley tobacco began the 70's with a record average yield of 2710 pounds per harvested acre in 1970. This yield is still the highest average ever attained by Kentucky farmers. In contrast, the 1979 burley yield at 2000 pounds per acre was the lowest since 1961. Excessive summer rain and a severe outbreak of mold reduced 1979 production and many farmers fell far short of their poundage quota. The most significant change in the burley tobacco program during the 70's occurred in 1971 with the change from an acreage allotment to a poundage quota. Most burley growers feel the poundage program is a fairer system, and quality of leaf may be improved. Baling burley leaf was initiated in 1978. Baling certainly has some labor-saving features, but the practice is somewhat controversial within the industry.

Southern leaf blight and secondary infections caused disaster to an otherwise promising 1970 corn production and reduced the total Kentucky crop by one-third to one-half. Average yield was only 50 bushels per acre harvested for grain, and some fields were so completely devastated they were not worth harvesting. The lowest State corn yield for any other year in the 1970's was 77 bushels per acre in 1975; however, dry weather hit several western Kentucky counties very hard in 1978. In 1976, the 100-bushel barrier was broken with a State average corn yield of 102 bushels per acre, and this record high was equaled in 1979.

Soybeans have certainly been the miracle crop of the 70's here in Kentucky. In 1970 farmers planted 555,000 acres of soybeans -- a record at that time and up from 260,000 acres in 1960. In just one short decade soybean acreage jumped to 1,720,000 acres, and 1979 was the first year ever soybean acreage exceeded corn acreage. Soybeans are especially popular in Western and West Central Kentucky but are also expanding in other areas of the State. Double cropping after small grain is very popular -- most wheat and barley acres are followed with soybeans allowing farmers two crops per year.

Cattle numbers expanded rapidly in the early 1970's and peaked in 1975 at 3,750,000 head. The cattle cycle then started downward and by January 1, 1979 the Commonwealth had over a million less head at 2,600,000. Calf prices had dropped to the mid-twenties in January of 1975 and producers found calf prices to be very unprofitable, causing a liquidation of cow herds. In 1979 quality steer calves started bringing over $1.00 per pound. Despite the higher beef prices, there has been little talk of a beef boycott such as occurred in 1973. The 1973 boycott proved harmful to both the consumer and the producer. The 70's has also seen a trend toward growthy, big-framed cattle. Both domestic and exotic breeds have improved their breeds and a faster growing, larger-framed animal with more edible meat is being produced on Kentucky farms. The liquidation of cattle is normally followed by a buildup, and on January 1, 1980 Kentucky numbers increased to 2,700,000. However, there are several factors which could slow herd rebuilding, including cost of foundation stock and interest on borrowed money. Also fences have come out on many large corn and soybean producing farms, and beef herds may be slow to regain their number in these areas.

Hog numbers began the 70's at a high level of 1,680,000 head here in Kentucky. The oversupply depressed price and Kentucky hog farmers received mostly $16.00 to $20.00 per cwt. in 1971. Beginning in 1973 hogs became profitable, and except for a few months in 1974, have been a good enterprise until 1979 - 1980 when sharply increased hog numbers again drove hog prices down to very unprofitable levels. Slaughter kill on hogs the latter half of 1979 was at record or near record highs.

Cash receipts from farm marketings have more than doubled during the 70's and in 1978 exceeded 2 billion dollars for the first time. Tobacco is still king of the crops at $549 million in 1979. Cattle and calves lead the livestock industry with 1979 cash receipts of $455 million.

CROP AND LIVESTOCK RECORD HIGHS AND LOWS

ITEM	UNIT	Record High		Record Low		Year Record Started
		Quantity	Year	Quantity	Year	
CROPS						
BURLEY TOBACCO						
Acres Harvested	Thou. Acres	365	1931	142	1970	1919
Yield per Acre	Pounds	2,710	1970	690	1936	
Production	Thou. Lbs.	520,800	1963	130,425	1927	
SOYBEANS FOR BEANS						
Acres Harvested	Thou. Acres	1,660	1979	5	1928	1924
Yield per Acre	Bushels	32.5	1979	7.5	1930	
Production	Thou. Bu.	53,950	1979	50	1928	
CORN FOR GRAIN						
Acres Harvested	Thou. Acres	3,247	1919	939	1970	1919
Yield per Acre	Bushels	102.0	1976 & 79	10.0	1930	
Production	Thou. Bu.	138,720	1976	26,730	1930	
WHEAT						
Acres Harvested	Thou. Acres	1,420	1900	131	1962	1900
Yield per Acre	Bushels	40.0	1971	9.0	1916	
Production	Thou. Bu.	19,880	1900	1,273	1928	
LIVESTOCK						
ALL CATTLE & CALVES						
January 1	No. Head	3,750,000	1975	762,000	1869	1867
ALL HOGS & PIGS						
December 1 1/	No. Head	2,190,000	1872 & 73	828,000	1931	1867
MILK COWS						
Annual Average	No. Head	606,000	1944	255,000	1979	1930
Milk per Cow	Pounds	8,727	1977	3,250	1934	
Total Production	Mil. Pounds	2,632	1963	1,748	1930	
SHEEP & LAMBS						
January 1	No. Head	1,180,000	1867	21,000	1980	1867
ALL CHICKENS						
December 1 2/	No. Head	14,321,000	1944	3,000,000	1975	1924

1/ December 1 hog estimates started in December 1961. Prior to December 1961, estimates related to January 1. 2/ December 1 chicken estimates started December 1970. Prior to December 1970, estimates related to January 1.

STATISTICAL REPORTS PROGRAM

In addition to this Annual Bulletin the Kentucky Crop and Livestock Reporting Service publishes timely estimates on crop and livestock production, prices, and various other special reports. A list of the more important reports and the approximate date of release is shown in the table below. These reports may be obtained without charge from the Kentucky Crop and Livestock Reporting Service, P.O. Box 1120, Louisville, Kentucky 40201.

PHONE: (502) 582-5293

TYPE OF REPORT	FREQUENCY OF REPORT	APPROXIMATE DATE AVAILABLE IN LOUISVILLE
I. *CROP REPORTS*		
1. Intentions to Plant	Semi-Annually	Jan. 20 & Apr. 15
2. Production of Field Crops, Fruits & Vegetables	Monthly (In Season)	10 - 12th
3. Crop Production, Disposition & Value	Annually	April 12
4. Grain Stocks	Quarterly	25th Jan., Apr., June, Oct.
5. Annual Crop Summary	Annually	January 15
6. Seed Crops	Seasonally	Annual January 15
7. Crop Values	Annually	January 20
II. *LIVESTOCK REPORTS*		
1. Cattle Inventory and Calf Crop	Semi-Annually	Jan. 30, July 30
2. Pig Crop & Hog Inventory	Quarterly	23rd Mar., June, Sept., Dec.
3. Sheep Inventory & Lamb Crop	Annually	January 30
4. Commercial Slaughter	Monthly	30th
5. Meat Animals - Farm Production, Disposition & Income	Annually	April 5
III. *DAIRY REPORTS*		
1. Cows Milked & Milk Production	Monthly	15th
2. Milk Production & Disposition	Annually	May 10
IV. *POULTRY REPORTS*		
1. Poultry Inventory, Dec. 1	Annually	January 30
2. Egg Production	Monthly	20th
3. Hatchery Production	Monthly	20th
V. *PRICE REPORTS*		
1. Prices Received by Farmers	Monthly	1st
2. Prices Paid by Farmers for Feed & Motor Supplies	Monthly	1st
VI. *MISCELLANEOUS REPORTS*		
1. Farm Income & Cash Receipts	Semi-Annually	March & September
2. Number Farms & Land in Farms	Annually	December 30
3. Farm Real Estate	Annually	August 1
4. Farm Real Estate Taxes	Annually	March
5. Farm Labor & Wage Rates	Quarterly	28th Feb., May, Aug., Nov.
VII. *CROP-WEATHER (April - October)*	Weekly	Mondays, 3:00 P.M.
VIII. *COUNTY ESTIMATES (Major Commodities)*	Annually	March - June

CROPS

CROP HIGHLIGHTS

Harvested acreage of principal crops (field crops plus hay) in Kentucky totaled 5,229,000 acres for 1979, 3 percent above 1978 and the largest area harvested since 1949. Soybean and wheat acreages were the major gainers, and double-cropping contributed significantly to this rise in area harvested. Corn, fescue seed, hay and burley tobacco acreages showed the largest declines in 1979.

Kentucky burley production dropped to 312 million pounds in 1979, 27 percent below 1978 and the lowest production since 1973. Yield at 2,000 pounds per acre was 475 pounds below 1978 and the lowest yield recorded since 1961. Acreage harvested at 156,000 acres was 17,000 acres below the previous year. Barren was the number one burley producing county followed by Bourbon, Fayette, Woodford and Shelby, respectively.

With predominantly cool, wet conditions during the early spring, the 1979 burley crop started off slowly. By April 8, two-thirds of the plant beds had been seeded compared with the five-year average of four-fifths seeded for that date. Cool nights slowed growth, and by April 29, three-fourths of the plants emerged were less than the size of a dime.

By the middle of May some early fields had been transplanted, mostly in Central Kentucky. Planting lagged the most in Western Kentucky where soils remained too wet. However, by June 17, planting had advanced rapidly and was 95 percent complete - about normal for that date. Problems included irregular stands and plants blooming prematurely as a result of wet, poor planting conditions and cool nights. As of July 9, three-fourths of the crop reporters indicated the condition of the crop as good and one-fourth reported fair. One week later reports on condition slipped to two-thirds good and one-third fair.

Excessive rains during the latter part of July caused considerable damage to the burley crop. Drowning and scalding in low spots were common, and some fields were completely lost. Other fields were harvested prematurely after wilting. Hot, humid weather followed and tobacco already housed suffered further loss from houseburn. Insect and sucker controls were ineffective during this time because of the continued wet conditions.

During the first two weeks of August an unusual outbreak of blue mold occurred. This disease became prevalent statewide, and combined with extreme wet conditions, caused the lower leaves to drop on many plants. Some growers harvested their crops early to minimize losses. Ninety percent of the crop had been harvested by September 23, slightly ahead of normal.

Most areas received record amounts of rainfall during July, August and early September. A thin-leafed, light-weight crop was expected. When the market opened on November 19, many farmers fell even further below their quotas than earlier expected. With the short crop, demand was good, and the market average of $1.458 per pound was well above the 1978 price of $1.318 per pound. Prices climbed until the Christmas break, but then fell sharply, adding further disappointment to growers who suffered through one of the worst burley crop years on record.

Kentucky production of dark tobaccos decreased for all types in 1979. Disappointing prices for the 1978 crop and a cut in the dark fired acreage quota resulted in substantial acreage declines for 1979. Excessive rainfall, local storms and blue mold also reduced yields from the high levels of 1978.

Type 22, Eastern dark fire-cured tobacco, production in Kentucky totaled 9,990,000 pounds in 1979, down 24 percent from 1978. Harvested acreage at 5,400 acres was down 1,350 acres, while yield at 1,850 pounds per acre was down 110 pounds from 1978.

Western dark fire-cured tobacco, Type 23, production in Kentucky dropped

to 7,560,000 pounds in 1979 -- 22 percent below 1978. Yield declined only 30 pounds to 1,800 pounds per acre, but acreage fell 21 percent to 4,200 acres in 1979.

Kentucky Type 35, One Sucker tobacco, production slipped to 9,240,000 pounds, 27 percent below 1978. Harvested acreage at 5,500 acres was down 800 acres, while yield at 1,680 pounds per acre was down 320 pounds from 1978.

Type 36, Green River tobacco, production for 1979 declined to 4,355,000 pounds, down 27 percent from 1978. Yield fell 215 pounds to 1,675 pounds per acre, while harvested acreage dropped 550 acres to 2,600 acres.

The increase in soybean acreage continued in 1979 as Kentucky farmers planted a record 1.72 million acres compared with the previous record of 1.45 million acres in 1978. This was the first time that soybean acreage exceeded corn acreage in Kentucky. Production, at nearly 54 million bushels, was 28 percent above the previous record crop of 42.3 million bushels set in 1978. Yield at 32.5 bushels per acre was 1.5 bushels above the 1977 record and 2.5 bushels above 1978.

Christian County was the leading soybean producing county with 4.1 million bushels. Other leading counties were Logan, Graves, Daviess and Henderson. Logan was the leading county in average yield with 38 bushels per acre.

After a slow start, planting of the 1979 soybean crop made good progress after the first of June. By June 17, percent planted was running about normal at three-fourths complete. Stands turned out mostly good except for some late planted fields in local dry pockets, mostly in Western Kentucky.

Under very favorable growing conditions, soybeans made excellent growth during July, August and September. Late summer rains and a frost-free early fall contributed to the best beans ever. However, the 1979 crop was not problem free. Excessive rainfall and flooding the last of July caused considerable yellowing and drowning in low-lying areas. More severe flooding the end of September resulted in substantial local losses in yield and acreage. With the wet conditions, weeds were more of a problem than normal. Some fields suffered chemical damage from herbicides. Other fields were damaged by nematodes and root rots.

Harvest advanced rapidly after mid-October and was ahead of normal by the first of November. There were reports of heavy field losses, especially in fields that had been flooded. Quality of beans from flooded fields was reduced but overall quality and yield were very good.

Kentucky's 1979 corn crop totaled 132.6 million bushels, 11 percent above 1978 and the second largest crop on record. Harvested acreage at 1.3 million acres was 8 percent below 1978, but yield at a record-tying level of 102 bushels per acre was up 17 bushels.

Union County maintained its position as the leading corn producing county. Henderson was a close second, followed by Daviess, Christian and Webster counties, respectively. McLean was the highest yielding county with a yield of 117 bushels per acre.

For the second year in a row, a wet, cool spring caused corn planting to lag. Planting lagged the most in the Purchase area, normally the earliest area planted in the State. Very little corn had been planted by the last of April in the Purchase area, and only 10 percent had been planted statewide. Normally about one-third of the State's corn had been planted by the end of April. By June 3, planting was only 80 percent complete, the latest on record for that date. Some farmers, especially in Western Kentucky, switched to soybeans as the optimum corn planting time had passed.

Although later than normal, corn made excellent growth with record rainfalls during July, August and September. Besides some local summer storms and flooding, there were no major yield-inhibiting problems with the 1979 crop.

There was some minor damage to early corn by cut worms, army worms and European borers. Fall army worms and various fungi infections were the most frequently mentioned problems with late corn.

By September 23, 7 percent of the crop had been harvested, about normal for that date. Because of wet conditions, harvest lagged during the end of September and the first of October. Most early corn harvested had to be dried. Some reporters indicated greater than normal harvesting losses during this time as a result of stalk rot. Harvest advanced rapidly after the middle of October and was 92 percent complete on November 18, slightly ahead of normal. Yields and quality were mostly good, making the 1979 crop one of the best on record despite the late planting season.

Prices for the 1978 white corn crop were depressed and producers planted only 75,000 acres in 1979 compared with 130,000 acres in 1978. Production slipped to 6.9 million bushels compared with 10.1 million bushels in 1978. Yield at 96 bushels per acre was 16 bushels above the drought-stricken crop of 1978, but harvested acreage at 72,000 acres was down 43 percent. In spite of the cutback, Kentucky remained the leading state in white corn production.

Kentucky hay production for 1979 totaled 3,134,000 tons, down 1 percent from the record 1978 crop. Hay made excellent growth during the summer months but excessive rainfall caused considerable losses from rain-soaked and overmature hay.

Alfalfa hay production in Kentucky was 632,000 tons for 1979, up 1 percent from 1978. Harvested acreage at 204,000 acres declined 4,000 acres, but yield at 3.1 tons per acre improved 0.1 ton over 1978. Warren County became the leading producer of alfalfa, followed by Shelby and Hart counties.

Kentucky production of hay other than alfalfa totaled 2,502,000 tons in 1979, down 1 percent from 1978. Yield at 1.8 tons per acre was unchanged, but acreage at 1,390,000 acres was 1 percent below 1978. Warren remained the leading producer followed by Barren and Pulaski counties, respectively.

Wheat production in Kentucky climbed to 11.0 million bushels in 1979, up 61 percent from the short 1978 crop. An increase in prices for the 1978 crop and favorable planting conditions during the fall of 1978 led to a large increase in wheat acreage for 1979. Planted acreage at 380,000 acres for 1979 was 100,000 acres above 1978. Acreage harvested for grain in 1979 at 290,000 acres was up 49 percent, while yield at 38 bushels per acre was up 3 bushels from 1978. The three leading producing counties were Christian, Simpson and Logan.

Kentucky barley production climbed to 1.25 million bushels in 1979, up 26 percent from 1978. Yield at 50 bushels per acre was 7 bushels above 1978, and acreage harvested for grain at 25,000 acres was up 2,000 acres. Simpson, Logan and Christian counties remained the three major producing counties in the State.

With a record-tying yield of 68 bushels per acre, sorghum production in Kentucky reached 2.3 million bushels in 1979. This was the second largest crop on record and was 62 percent above 1978. Yield was 6 bushels above 1978, and harvested acreage at 34,000 acres was up 11,000 acres. Total sorghum planted increased 9,000 acres to 46,000 acres for 1979.

Production of oats In Kentucky totaled 328,000 bushels in 1979, up 12 percent from 1978. Yield at 41 bushels per acre dropped 1 bushel, but acreage harvested for grain at 8,000 acres increased 1,000 acres. Total acres planted for 1979 was unchanged from 1978 at 36,000 acres. Hay continued to be the major use of oats in Kentucky.

Kentucky rye production for 1979 totaled 96,000 bushels, with a yield of 24 bushels per acre from 4,000 acres. Acreage planted climbed to 66,000 acres compared with 59,000 acres for 1978. Most acreage planted is used as a cover crop.

KENTUCKY ANNUAL CROP SUMMARY

1978 AND 1979 1/

CROPS	UNITS	Acres Harvested		Yield Per Acre		Production		Value Per Unit		Value of Production	
		1978	1979	1978	1979	1978	1979	1978	1979	1978	1979
		(1,000 Acres)		(Units)		(1,000 Units)		(Dollars)		(1,000 Dollars)	
Corn, for Grain	Bu.	1,410	1,300	85	102	119,850	132,600	2.40	2.50	287,640	331,500
Corn, for Silage	Ton	140	115	15.5	17.0	2,170	1,955	-	-	-	-
White Corn 2/	Bu.	126	72	80.0	96.0	10,080	6,912	-	-	-	-
Tobacco:											
All	Lbs.	194.5	173.7	2,415	1,976	469,658	343,145	1.295	1.427	608,161	489,813
Burley	Lbs.	173	156	2,475	2,000	428,175	312,000	1.318	1.458	564,335	454,896
Type 22, Fired	Lbs.	6.75	5.4	1,960	1,850	13,230	9,990	1.120	1.145	14,818	11,439
Type 23, Fired	Lbs.	5.3	4.2	1,830	1,800	9,699	7,560	1.105	1.124	10,717	8,497
One Sucker	Lbs.	6.3	5.5	2,000	1,680	12,600	9,240	.974	1.125	12,272	10,395
Green River	Lbs.	3.15	2.6	1,890	1,675	5,954	4,355	1.011	1.053	6,019	4,586
Wheat	Bu.	195	290	35	38	6,825	11,020	3.15	4.00	21,439	44,080
Oats	Bu.	7	8	42	41	294	328	1.90	2.20	559	722
Barley	Bu.	23	25	43	50	989	1,250	1.65	1.90	1,632	2,375
Rye	Bu.	4	4	27	24	108	96	2.70	2.15	292	206
Soybeans, for Beans	Bu.	1,410	1,660	30.0	32.5	42,300	53,950	6.82	6.45	288,486	347,978
Sorghum, for Grain	Bu.	23	34	62	68	1,426	2,312	1.85	2.10	2,638	4,855
All Hay	Ton	1,618	1,594	1.95	1.97	3,162	3,134	48.50	50.50	153,357	158,267
Alfalfa Hay	Ton	208	204	3.00	3.10	624	632	-	-	-	-
All Other Hay	Ton	1,410	1,390	1.80	1.80	2,538	2,502	-	-	-	-
Lespedeza Seed 3/	Lbs.	3.1	6.8	230	210	713	1,428	55.00	53.00	392	757
Red Clover Seed 3/	Lbs.	3.3	3.2	75	65	248	208	69.00	71.50	171	149
Orchardgrass Seed 3/	Lbs.	1.2	1.0	175	185	210	185	34.00	42.00	71	78
Tall Fescue Seed 3/	Lbs.	42	17	270	220	11,340	3,740	16.50	20.50	1,871	767
Popcorn 3/ 4/	Lbs.	9.4	9.7	1,370	2,890	12,880	28,030	7.75	8.80	998	2,467
Vegetables:											
Bell Peppers 5/	Cwt.	2.2	3.4	69	73	152	248	8.36	7.56	1,271	1,875
Other Processing	Ton	2.27	1.22	-	-	7.6	5.6	-	-	1,012	732
Apples, Com'l 6/	Lbs.	-	-	-	-	14,200	20,300	.126	.130	1,789	2,639
Peaches 6/	Lbs.	-	-	-	-	11,000	15,000	.200	.210	2,200	3,150

1/Preliminary 1979. 2/Included in Corn, for Grain. 3/Value per Unit is for 100 pounds. 4/Shelled-corn basis. 5/Fresh market and processing. 6/Utilized production.

WEATHER CROP SUMMARY-1979

January's below normal temperatures made it the fifth coldest January on record. Average temperature for the month at 25.8 degrees was 9.1 degrees below normal. Precipitation was above normal during the month. Some locations received over 16 inches of snow in January with up to 8 inches on the ground at one time. Small grain and forage crops benefitted from the snow cover by being protected from the extreme cold.

Cold, wet conditions persisted in February. Temperatures continued below normal, and combined with January's low made the winter the seventh coldest winter on record. Hickman, Kentucky had 15 inches of snow on the ground on the tenth of the month, while several other stations reported ten or more inches on the ground. Snow and cold weather stressed livestock and necessitated heavy supplemental feeding.

A warming trend occurred through most of the month of March. Temperatures reached the upper seventies across the State around the 18th of the month. Combined with below normal precipitation conducive fieldwork conditions prevailed. Colder temperatures returned the 24th of the month, bringing one to two inches of rain to the State.

April showers were prevalent during the month. Surplus soil moisture limited fieldwork. Below average temperatures deterred drying of saturated fields. Most of the State's tobacco beds had been seeded by the middle of the month, but cool nights limited plant growth. Patchy frost was reported on the 16th, 17th and 18th in the northern and eastern sections of the State.

Temperatures and precipitation averaged about normal in May. The western portion of the State was the exception, where surplus soil moisture prevented corn and soybean planting in several counties including Henderson and Union. The optimum date for planting corn passed with the entire Purchase Area well behind normal.

Relief from too cool and wet weather was finally attained in June. Days favorable for fieldwork averaged slightly over four days per week during the month. Soil moisture was mostly adequate with a few areas still reporting a surplus. Temperatures averaged a few degrees above normal for most of the month.

Tropical storms dumped thunderstorms and cool temperatures on the State for most of July. The remains of Hurricane Bob brought as much as 3 to 4 inches of rain the weekend of the 14th and 15th. Tropical Storm Claudette pumped additional moisture through most of the last week in July. Cool temperatures were the norm for the month.

Warm, dry weather in August contributed to the development of the corn crop but progress still lagged behind last year and normal. Near ideal conditions existed during the middle of the month with near normal temperatures and sparse rainfall. Cool, fall-like weather covered Kentucky most of the last week with rain becoming more widespread.

Three weeks out of the month of September were characterized by above normal precipitation and below normal temperatures. The remnants of Hurricane Frederick poured as much as five inches of rain on some localities. Although most corn had reached maturity, harvesting operations were delayed due to the excessive rainfall. Burley yield was also substantially reduced due to water and blue mold damage.

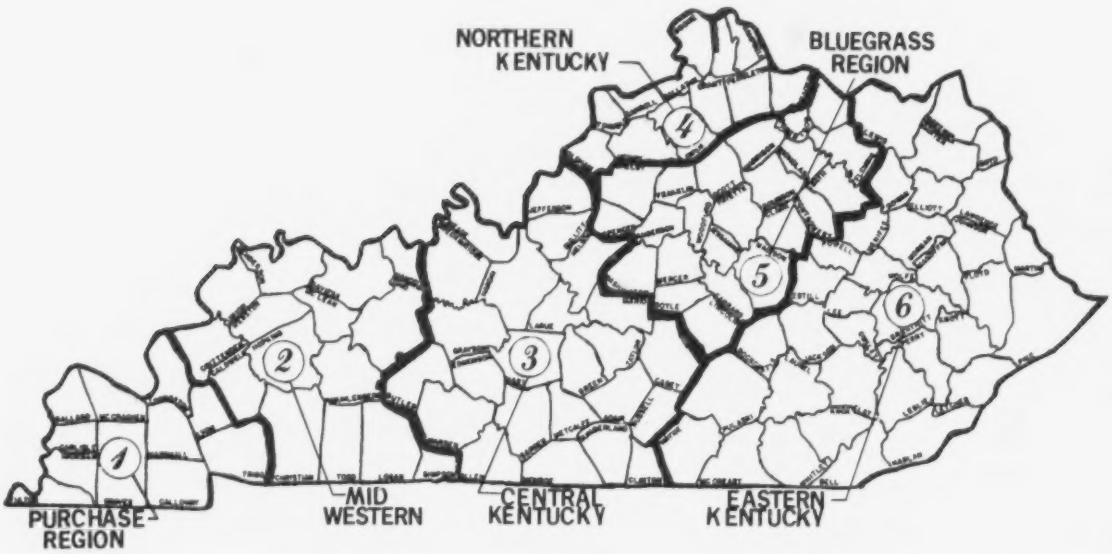
October began as a repeat of September's cool, rainy weather. Corn and soybean harvest continued to be held up by foul weather. The first light frost hit October 14th as a series of cold fronts pushed through the State. Indian Summer returned to the State in the following week with temperatures reaching the upper eighties. Harvesting operations made impressive gains in the final two weeks of the month, nearly catching up to the average pace.

Fieldwork was limited by November showers. Above average rainfall held up fall planting, but harvesting progressed to near completion. Temperatures varied during the month with above normal temperatures early in the month, followed by frost and freezing temperatures at month's end.

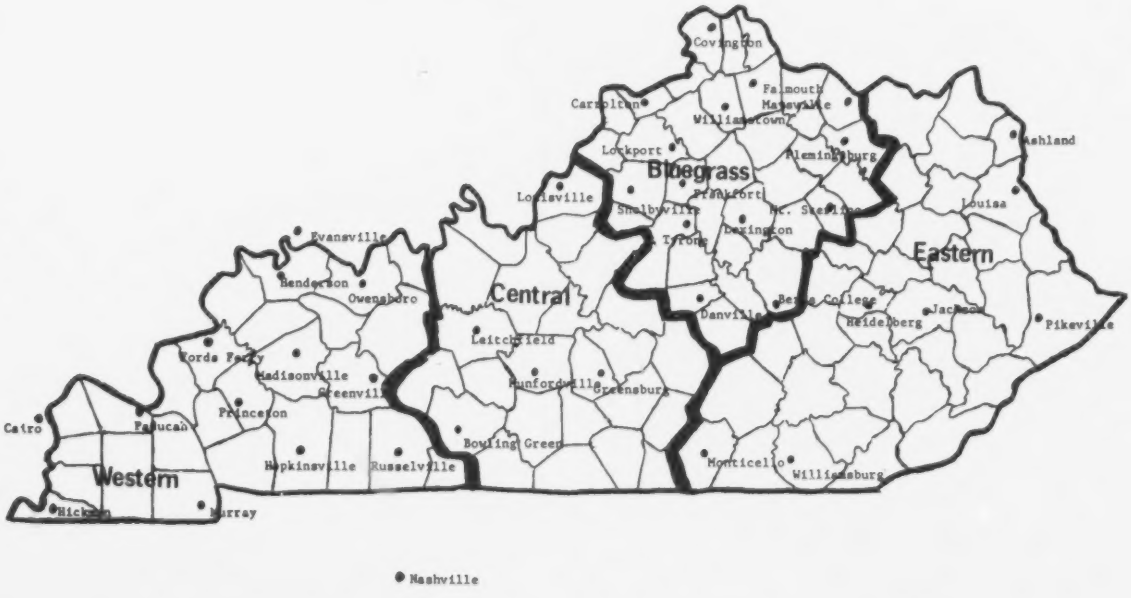
December was generally mild with temperatures and precipitation above normal. Most precipitation was in the form of rain with only traces of snowfall reported. The mild temperatures and moist conditions were ideal for stripping burley tobacco, and many farmers finished stripping their short crops.

Irrigated acreage is minimal in Kentucky.

KENTUCKY CROP REPORTING DISTRICTS



KENTUCKY CLIMATOLOGICAL DIVISIONS AND SELECTED WEATHER STATIONS



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KENTUCKY CLIMATOLOGICAL DATA-1979 1/

Division and Month	TEMPERATURE IN DEGREES 2/				PRECIPITATION IN INCHES 2/		
	Average	Departure from Normal	Highest	Lowest	Average	Departure from Normal	Greatest in 24 Hours
WESTERN							
January	25.2	-10.5	62	-6	4.80	.57	2.05
February	29.9	-8.7	69	-10	5.74	1.93	2.80
March	48.8	2.2	79	19	5.67	.58	2.18
April	56.9	-1.6	86	28	9.82	5.59	3.95
May	65.3	-1.6	90	38	6.19	1.76	2.67
June	74.4	-.6	96	46	3.66	-.29	3.36
July	77.5	-.5	96	58	5.71	1.92	3.75
August	76.3	-.6	99	50	5.11	1.78	2.91
September	69.1	-1.0	94	43	7.50	4.31	6.81
October	59.8	.3	88	27	2.12	-.46	1.20
November	46.7	-.4	77	20	7.83	3.98	2.89
December	39.8	1.8	69	9	3.94	.04	3.24
CENTRAL							
January	25.5	-9.4	63	-9	5.71	1.55	2.25
February	29.6	-7.9	67	-9	4.83	.94	2.03
March	48.9	3.3	81	11	3.38	-1.70	1.78
April	55.4	-1.9	84	26	7.93	3.74	3.40
May	63.4	-2.4	92	32	4.42	.07	2.41
June	72.2	-1.5	94	43	5.30	.88	3.90
July	74.7	-2.0	96	49	7.01	2.62	4.60
August	75.0	-.6	98	48	6.05	2.60	4.10
September	67.7	-1.6	90	41	11.36	8.32	6.52
October	57.6	-.9	87	27	2.73	.26	1.16
November	46.5	.4	77	21	6.12	2.38	2.08
December	39.3	2.1	70	8	4.48	.56	3.17
BLUEGRASS							
January	24.4	-9.1	61	-9	5.20	1.41	1.77
February	26.4	-9.4	64	-10	4.16	.76	1.42
March	47.7	3.7	79	11	2.09	-2.65	1.58
April	53.3	-2.2	83	20	5.52	1.55	2.84
May	61.8	-2.6	90	30	4.21	.10	1.50
June	70.7	-1.8	91	41	5.16	.97	2.58
July	72.9	-2.8	91	48	6.72	2.06	3.73
August	73.5	-1.1	96	47	5.92	2.49	2.12
September	66.4	-2.0	89	39	9.27	6.32	5.78
October	54.9	-2.3	84	25	2.66	.44	1.55
November	46.0	.9	78	20	4.49	1.10	2.14
December	38.0	2.2	69	9	3.43	.08	2.44
EASTERN							
January	28.2	-7.5	67	-6	6.96	2.94	1.95
February	30.0	-7.8	73	-13	4.39	.53	1.94
March	47.8	2.4	82	11	2.79	-1.88	1.97
April	55.0	-1.5	87	20	4.78	.89	2.43
May	62.2	-2.7	92	32	5.20	1.27	2.68
June	69.5	-2.8	91	41	5.70	1.51	2.12
July	72.8	-2.6	94	46	7.06	2.09	2.54
August	73.7	-.5	96	44	5.46	1.78	2.96
September	67.3	-.9	91	42	5.10	1.97	3.05
October	54.5	-2.9	88	24	2.74	.34	1.77
November	46.9	1.2	80	19	4.39	.94	2.00
December	38.2	.9	70	8	3.27	-.50	2.37
STATE ANNUAL 3/	54.3	-2.0	99	-13	63.52	17.61	6.81

1/ Data furnished by National Weather Service. 2/ All measurements are pluses unless otherwise indicated.
3/ Derived from four Climatological Divisions.

PRECIPITATION: 1979 CROP GROWING SEASON

MONTHLY TOTALS, 1979 AND 30-YEAR AVERAGE, SELECTED WEATHER STATIONS BY CROP REPORTING DISTRICTS*

Station and Crop Reporting District	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		SEASON	
	Avg.	1979	Avg.	1979	Avg.	1979	Avg.	1979	Avg.	1979	Avg.	1979	Avg.	1979
DISTRICT 1						(Inches)								
Cairo, Illinois	4.07	8.89	4.39	6.08	4.13	.84	3.19	2.92	3.10	4.78	3.01	2.92	21.89	26.43
Hickman	4.23	11.04	5.46	8.05	3.41	1.31	3.13	5.31	2.51	4.86	2.45	4.90	21.19	35.47
Murray	4.12	6.37	4.18	9.86	3.50	3.65	3.93	6.54	3.25	3.29	3.09	6.71	22.07	36.42
Paducah, FAA	4.26	9.01	4.40	5.32	3.78	8.70	3.48	3.64	3.32	5.03	3.12	4.91	22.36	36.61
AVERAGE	4.17	8.83	4.61	7.33	3.71	3.63	3.43	4.60	3.05	4.49	2.92	4.86	21.88	33.73
DISTRICT 2														
Evansville, Ind.	3.98	6.07	4.19	3.72	3.74	2.78	3.32	7.22	3.07	2.36	2.87	2.83	21.17	24.98
Fords Ferry, D-50	4.08	7.63	3.78	6.43	3.55	1.52	3.16	2.87	3.30	4.54	3.03	4.83	20.90	27.82
Henderson	4.49	8.08	4.23	5.41	3.79	2.64	3.40	10.25	3.40	4.12	2.98	4.67	22.29	35.17
Hopkinsville	4.08	10.45	4.21	4.69	4.11	3.18	3.93	4.39	3.43	3.86	3.00	10.19	22.76	36.76
Madisonville	4.11	10.47	4.11	4.60	3.91	2.73	4.14	5.04	3.62	3.74	2.92	8.16	22.81	34.74
Nashville, Tenn.	3.74	7.80	3.72	8.18	3.25	2.79	3.72	4.27	2.86	4.59	2.87	11.44	20.16	39.07
Princeton	4.08	9.63	3.97	7.10	3.81	3.17	3.45	4.92	3.33	5.99	2.89	9.12	21.53	39.93
AVERAGE	4.08	8.59	4.00	5.73	3.76	2.69	3.68	5.57	3.31	4.17	3.00	7.32	21.79	34.07
DISTRICT 3														
Bowling Green	4.06	7.82	3.77	5.20	4.16	4.46	4.19	8.87	3.60	4.91	3.07	11.75	22.85	43.01
Munfordville	4.25	9.04	4.32	4.23	4.33	4.14	4.86	7.41	4.01	5.92	3.36	11.78	25.13	42.52
Greensburg	3.87	6.36	4.28	4.83	4.83	6.66	4.47	4.84	3.86	5.87	3.18	11.56	24.49	40.12
Leitchfield	4.18	8.76	4.12	2.81	4.50	3.94	4.11	6.11	3.38	6.73	2.97	13.30	23.26	41.65
Louisville WSFO	3.82	7.32	3.90	3.59	3.99	3.03	3.36	10.05	2.97	2.37	2.63	10.49	20.67	36.85
AVERAGE	4.04	7.86	4.08	4.13	4.36	4.45	4.20	7.46	3.56	5.16	3.04	11.78	23.28	40.83
DISTRICT 4														
Carrollton, L-1	3.58	6.31	3.50	4.63	4.14	3.86	3.60	5.09	3.47	6.32	2.83	10.57	21.12	36.78
Covington	3.22	4.90	3.59	4.00	3.89	5.92	3.61	5.49	2.60	4.80	2.83	8.61	19.74	33.72
Falmouth	3.94	6.48	3.88	4.08	4.43	6.28	4.26	9.07	3.01	6.13	2.91	10.06	22.43	42.10
Lockport, L-2	4.30	7.57	4.02	3.21	4.47	5.13	4.02	5.61	3.27	8.78	3.00	11.97	23.08	42.27
Williamstown	4.00	5.67	3.96	4.98	4.25	3.92	4.02	7.71	3.23	5.99	3.11	9.42	22.57	37.69
AVERAGE	3.81	6.19	3.79	4.18	4.24	5.02	3.90	6.59	3.12	6.40	2.94	10.13	21.80	38.51
DISTRICT 5														
Berea College	4.08	5.45	3.79	4.09	4.84	7.29	5.16	5.69	4.12	7.15	2.82	8.34	24.81	38.01
Danville	3.98	5.18	3.96	5.45	4.69	7.33	4.61	5.02	3.94	5.24	3.07	9.96	24.25	38.18
Lexington	4.04	4.92	3.85	4.17	4.72	2.80	3.98	4.72	3.21	6.20	2.80	9.69	22.60	32.50
Maysville	3.78	5.92	3.70	3.33	4.18	6.07	4.47	6.41	4.04	6.83	3.12	8.48	23.29	37.04
Mt. Sterling	4.14	3.44	3.97	4.77	4.53	3.64	5.13	9.73	3.55	4.72	2.98	8.57	24.30	34.87
Tyrone, L-5	4.10	6.07	3.64	4.40	4.21	2.99	4.18	5.82	3.79	4.87	3.02	11.57	22.94	35.72
AVERAGE	4.02	5.16	3.83	4.37	4.46	5.02	4.58	6.23	3.73	5.84	2.93	9.44	23.55	36.05
DISTRICT 6														
Ashland, D-29	3.39	2.81	3.95	4.25	3.86	6.09	4.04	7.26	3.32	8.36	2.81	5.94	21.37	34.71
Heidelburg, L-14	3.67	4.62	3.69	4.58	4.39	4.58	5.14	4.16	4.01	6.23	2.78	5.12	23.68	29.29
Jackson	3.75	3.79	3.71	4.26	4.29	4.54	4.69	5.33	3.81	5.06	2.81	4.33	23.06	27.31
Louisa	3.39	3.40	4.02	4.31	3.70	6.83	4.49	6.98	3.50	7.27	2.87	4.64	21.97	33.43
Monticello	3.78	7.42	3.61	6.29	4.49	5.19	4.34	5.23	3.38	4.66	2.94	7.17	22.54	35.96
Pikeville	3.65	4.08	4.01	.91	4.40	3.95	5.19	5.16	3.95	5.14	3.04	3.82	24.24	23.06
Williamsburg	3.94	5.70	4.03	7.35	3.92	4.60	4.90	5.29	3.77	4.71	2.69	4.78	23.25	32.43
AVERAGE	3.65	4.55	3.86	4.56	4.15	5.11	4.68	5.63	3.68	5.92	2.85	5.11	22.87	30.88
STATE AVERAGE (Computed)	3.96	6.86	4.03	5.05	4.11	4.32	4.08	6.01	3.41	5.33	2.95	8.11	22.57	35.68

* Individual station averages are for 1941 - 1970. District and State averages are computed.

STOCKS OF GRAIN BY QUARTERS 1978-1980

CROP AND QUARTER	1978 1/			1979 1/			1980		
	On Farms	Off Farms 2/	Total All Positions	On Farms	Off Farms 2/	Total All Positions	On Farms	Off Farms 2/	Total All Positions
	(Thousand Bushels)								
CORN 3/									
January 1	79,380	17,115	96,495	77,903	16,926	94,829	79,560	15,871	95,431
April 1	42,336	12,425	54,761	43,146	11,090	54,236	43,758	11,968	55,726
June 1	23,814	10,357	34,171	25,169	6,622	31,791	33,150	7,719	40,869
October 1	8,600	1,100	9,700	5,993	1,281	7,274			
WHEAT 4/									
January 1	1,419	2,838	4,257	478	1,392	1,870	992	2,411	3,403
April 1	710	1,575	2,285	205	576	781	220	1,520	1,740
June 1	304	632	936	137	145	282	55	672	727
October 1	887	2,088	2,975	2,094	4,476	6,570			
OATS 4/									
January 1	104	*	*	109	137	246	131	179	310
April 1	57	239	296	65	119	184	69	97	166
June 1	32	71	103	38	91	129	39	170	209
October 1	147	68	215	177	109	286			
BARLEY 4/									
January 1	242	183	425	237	108	345	325	99	424
April 1	138	128	266	148	87	235	213	94	307
June 1	69	85	154	89	78	167	125	81	206
October 1	297	190	487	438	157	595			
RYE 4/									
January 1	11	284	295	13	267	280	10	*	*
April 1	5	49	54	6	96	102	5	94	99
June 1	1	49	50	2	109	111	1	76	77
October 1	64	*	*	53	*	*			
SORGHUM GRAIN 3/									
January 1	1,094	35	1,129	941	71	1,012	1,387	61	1,448
April 1	420	67	487	399	78	477	647	19	666
June 1	292	27	319	257	78	335	347	12	359
October 1	164	13	177	71	*	*			
SOYBEANS 5/									
January 1	18,414	11,611	30,025	17,766	11,712	29,478	29,133	16,410	45,543
April 1	8,184	8,434	16,618	7,191	8,074	15,265	12,948	10,743	23,691
June 1	2,046	7,501	9,547	2,961	4,527	7,488	8,093	6,234	14,327
September 1	409	1,720	2,129	846	1,136	1,982			

*Not published to avoid disclosing individual operations.
1/Revised. 2/Includes stocks at mills, elevators, warehouses, terminals and processors. 3/Marketing year runs from October 1 to September 30. 4/Marketing year runs from June 1 to May 31. 5/Marketing year runs from September 1 to August 31.

KENTUCKY SEED CROPS HIGHLIGHTS

Kentucky's tall fescue production fell to 3.7 million pounds in 1979. This is the second lowest production since 1949 and is well below the bumper 1978 crop of 11.3 million pounds. The 1979 yield of 220 pounds per acre declined 50 pounds from 1978, and harvested acreage at 17,000 acres was 25,000 acres below 1978. The large decline in acreage was a result of depressed prices brought on by the extremely large 1978 crop.

Lespedeza seed production in Kentucky climbed to 1,428,000 pounds in 1979 compared with 713,000 pounds in 1978. Yield declined 20 pounds to 210 pounds per acre, but harvested acreage increased to 6,800 acres compared with 3,100 acres in 1978.

Production of red clover seed in Kentucky declined for the fourth consecutive year in 1979. Production dropped to 208,000 pounds compared with 248,000 pounds in 1978. Yield decreased 10 pounds to 65 pounds per acre, while harvested acreage fell 100 acres to 3,200 acres in 1979.

Orchardgrass seed production in Kentucky decreased to 185,000 pounds in 1979 compared with 210,000 pounds in 1978. Yield increased 10 pounds to 185 pounds per acre, but harvested acreage decreased 200 acres to 1,000 acres in 1979.

SEED CROPS SUMMARY - 1978 AND 1979

Kind of Seed	Acreage Harvested		Yield Per Acre		Production Clean Seed		Season Average Price Per 100 Pounds Rec'd by Farmers		Value of Production	
	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979
	(Acres)		(Pounds)		(1,000 Pounds)		(Dollars)		($1,000)	
Tall Fescue	42,000	17,000	270	220	11,340	3,740	16.50	20.50	1,871	767
Lespedeza	3,100	6,800	230	210	713	1,428	55.00	53.00	392	757
Red Clover	3,300	3,200	75	65	248	208	69.00	71.50	171	149
Orchardgrass	1,200	1,000	175	185	210	185	34.00	42.00	71	78

POPCORN, KENTUCKY, 1940 - 1979

YEAR	Planted	Harvested	Yield Per Acre 1/	Production 1/	Season Avg. Price Per 100 Pounds 1/	Value
	(Acres)	(Acres)	(Pounds)	(000 Pounds)	(Dollars)	($1,000)
1940	900	900	800	720	2.00	14
1945	14,400	14,400	1,400	20,160	3.60	726
1950	11,600	11,300	1,490	16,837	3.40	572
1955	13,200	13,000	1,300	16,900	3.05	515
1960	20,000	19,000	1,800	34,200	2.80	958
1965	22,300	22,000	2,200	48,400	3.30	1,597
1970	10,000	8,500	1,725	14,663	2.90	425
1971	10,900	10,600	2,820	29,892	3.50	1,046
1972	9,400	8,200	2,815	23,083	3.45	796
1973	6,700	6,500	2,400	15,600	5.50	652
1974	13,200	13,000	2,700	35,100	10.10	2,659
1975	21,200	20,900	2,000	41,800	9.10	3,804
1976	20,500	19,900	2,730	54,327	8.50	4,618
1977	13,200	12,800	2,230	28,540	8.00	2,283
1978	9,700	9,400	1,370	12,880	7.75	998
1979	11,000	10,000	2,820	28,200	8.90	2,510

1/Ear corn basis prior to 1973. Shelled corn basis beginning 1973.

Final production for Kentucky's 1979 crop is estimated at 28.2 million pounds, over twice as large as the drought-reduced 1978 crop of 12.9 million pounds. Acreage planted in 1979 at 11,000 acres compares with 9,700 acres in 1978. Acreage harvested for grain at 10,000 acres is 6 percent above 1978. Value of the 1979 crop at $2,510,000 compares with $998,000 for the short 1978 crop. Value per hundred pounds shelled basis made the first gain in 5 years, jumping from $7.75 in 1978 to $8.90 in 1979.

POPCORN, U. S. - 1979

YEAR	Planted	Harvested	Yield Per Acre 1/	Production 1/	Season Avg. Price Per 100 Pounds 1/	Value
	(Acres)	(Acres)	(Pounds)	(000 Pounds)	(Dollars)	($1,000)
KENTUCKY	11,000	10,000	2,820	28,200	8.90	2,510
Illinois	17,000	16,200	2,950	47,790	8.80	4,206
Indiana	51,000	50,000	2,950	147,500	10.90	16,078
Iowa	18,000	17,000	2,550	43,350	8.30	3,598
Kansas	4,000	3,900	3,300	12,870	8.80	1,133
Michigan	5,500	5,400	3,400	18,360	9.00	1,652
Missouri	4,400	4,300	3,250	13,975	8.90	1,244
Nebraska	58,000	55,000	3,100	170,500	8.30	14,152
Ohio	14,100	13,900	3,200	44,480	8.50	3,781
Other States 2/	4,000	3,600	2,646	9,526	8.84	842
U. S.	187,000	179,300	2,992	536,551	9.17	49,196

1/Shelled corn basis. 2/Alabama, Colorado and Tennessee.

FRUITS AND VEGETABLES

The 1979 production of commercial apples in Kentucky totaled 21.0 million pounds, an increase of 40 percent over 1978's short crop, but still slightly below the large crop of 1977. The value of utilized production was $2,639,000, up 48 percent from 1978. Kentucky ranked 28th in U. S. apple production. The five leading varieties; Delicious, Golden Delicious, Jonathan, Rome, and Stayman; respectively, accounted for 86 percent of Kentucky's production.

Kentucky's 1979 commercial peach crop continued to rebound from the disastrous crop of 1977. Production, at 15.0 million pounds, was up 36 percent from 1978's crop and 14.9 million pounds above 1977. Improved production was due to less winter kill and less frost damage in early development stages. Total value of the 1979 crop also increased. Value at $3,150,000 was 43 percent above 1978.

Kentucky green pepper production increased sharply in 1979. Production at 24.8 million pounds was up 63 percent from 1978 and 9 percent above 1977. Area harvested in 1979 increased to 3,400 acres, 55 percent above the previous year. Yield per acre also increased slightly from 69 cwt. in 1978 to 73 cwt. in 1979. Value per cwt. decreased 10 percent for the 1979 crop.

KENTUCKY APPLE PRODUCTION BY VARIETIES AND PEACH PRODUCTION, 1977 - 1979

CROP	1977	1978	1979
		(Million Pounds)	
APPLES BY VARIETY			
Delicious	6.8	6.6	7.8
Golden Delicious	5.3	2.7	4.0
Jonathan	2.0	1.2	2.3
Rome Beauty	2.0	1.1	2.3
Stayman	1.5	1.3	1.6
Winesap	.9	.9	.4
Other Varieties	3.5	1.2	2.6
Total All Varieties	22.0	15.0	21.0
PEACHES			
All Varieties	.1	11.0	15.0

KENTUCKY APPLE AND PEACH UTILIZED PRODUCTION AND VALUE, 1977 - 1979

CROP	Utilized Production			Price Per Pound			Value of Production		
	1977	1978	1979	1977	1978	1979	1977	1978	1979
	(Million Pounds)			(Cents)			(1,000 Dollars)		
APPLES	19.8	14.2	20.3	10.7	12.6	13.0	2,119	1,789	2,639
PEACHES	.1	11.0	15.0	14.6	20.0	21.0	15	2,200	3,150

GREEN PEPPERS, FRESH MARKET AND PROCESSING, 1977 - 1979

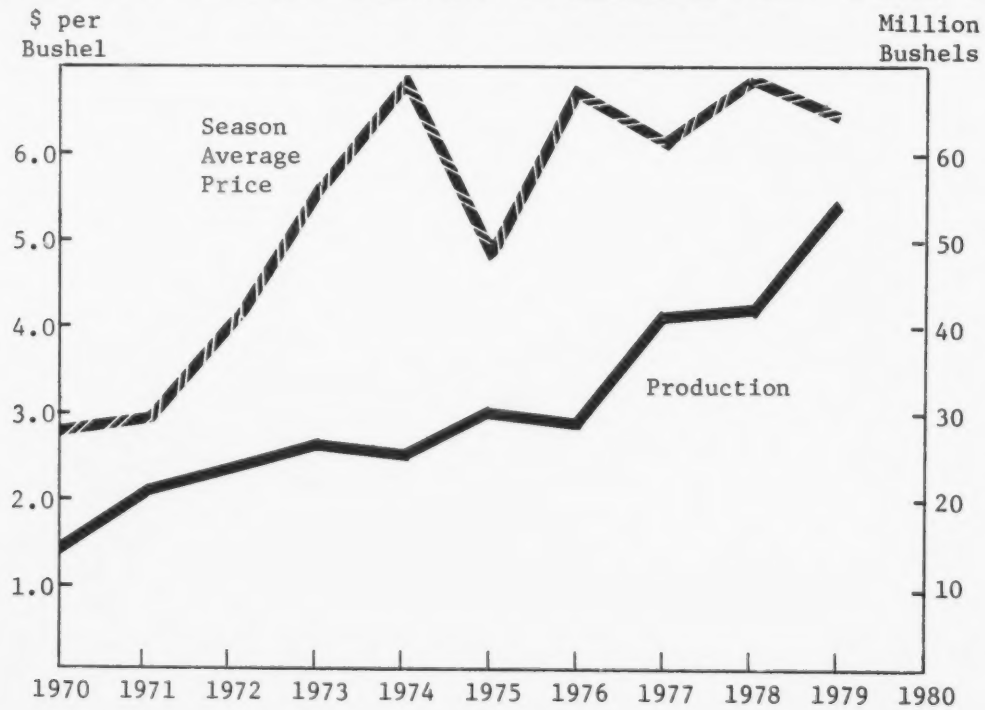
YEAR	Area Planted	Harvested	Yield Per Acre	Production	Value	
					Per Cwt.	Total
	(Acres)	(Acres)	(Cwt.)	(1,000 Cwt.)	(Dollars)	($1,000)
1977	3,000	3,000	76	228	7.71	1,759
1978	2,300	2,200	69	152	8.36	1,271
1979	3,800	3,400	73	248	7.56	1,875

KENTUCKY SOYBEANS, 1945 - 1980

YEAR	PLANTED	HARVESTED	YIELD PER ACRE	PRODUCTION	SEASON AVG. PRICE PER BUSHEL	VALUE
	(000 Acres)	(000 Acres)	(Bushel)	(000 Bushels)	(Dollars)	(000 Dollars)
1945	169	60	16.0	960	2.02	1,939
1950	202	126	17.5	2,205	2.53	5,579
1955	204	134	18.0	2,412	2.15	5,186
1960	260	199	22.0	4,378	2.07	9,062
1965	340	295	24.0	7,080	2.48	17,558
1970	555	530	27.0	14,310	2.85	40,784
1971	734	705	29.5	20,798	2.96	61,562
1972	933	874	27.0	23,598	4.06	95,808
1973	1,040	1,000	26.0	26,000	5.64	146,640
1974	1,050	1,020	24.5	24,990	6.84	170,932
1975	1,150	1,100	27.0	29,700	4.87	144,639
1976	1,100	1,070	27.0	28,890	6.74	194,719
1977	1,350	1,320	31.0	40,920	6.18	252,886
1978	1,450	1,410	30.0	42,300	6.82	288,486
1979	1,720	1,660	32.5	53,950	6.45	347,978
1980 1/	1,650	1,600				

1/Preliminary.

KENTUCKY SOYBEAN TRENDS OF THE 70's



CROP RANKINGS BY STATE-1979

RANK	ALL TOBACCO		BURLEY TOBACCO		SOYBEANS FOR BEANS		WHITE CORN	
	State	Production (000 Pounds)	State	Production (000 Pounds)	State	Production (000 Bushels)	State	Production (000 Bushels)
1.	N. C.	621,368	Kentucky	312,000	Illinois	374,220	Kentucky	6,912
2.	Kentucky	343,145	Tennessee	80,270	Iowa	310,460	Texas	5,704
3.	S. C.	117,705	Virginia	13,365	Missouri	186,795	Tennessee	3,750
4.	Virginia	109,603	Ohio	12,113	Minnesota	167,360	Iowa	3,335
5.	Tennessee	104,829	Indiana	11,895	Indiana	159,120	Missouri	3,200
6.	Georgia	100,965	N. Carolina	8,513	Ohio	145,080	Kansas	2,880
7.	Maryland	26,400	Missouri	6,013	Arkansas	144,200	Illinois	2,813
8.	Wisconsin	25,644	W. Virginia	1,658	Miss.	118,900	Indiana	2,352
9.	Florida	22,400			Louisiana	89,600	Alabama	1,350
10.	Pa.	17,696			Tennessee	70,740	Georgia	1,098
11.	Ohio	14,063			Georgia	58,800		
12.	Indiana	11,895			Alabama	56,250		
13.	Missouri	6,013			Nebraska	54,740		
14.	Connecticut	4,925			Kentucky	53,950		
15.	Mass.	1,892			N. C.	45,825		
16.	W. Virginia	1,658			Kansas	41,340		
17.	Alabama	825			S. C.	39,840		
18.	Louisiana	56			Michigan	28,615		
19.					S. Dakota	20,955		
20.					Texas	20,930		
21.					Virginia	14,136		
22.					Florida	13,137		
23.					Maryland	11,550		
24.					Wisconsin	10,030		
25.					Delaware	7,950		
26.					Oklahoma	7,590		
27.					New Jersey	6,750		
28.					N. Dakota	5,562		
29.					Pa.	2,624		
30.					New York	598		

CROP RANKINGS BY STATE-1979

RANK	CORN FOR GRAIN		CORN FOR SILAGE		SORGHUM FOR GRAIN		SORGHUM FOR SILAGE	
	State	Production (000 Bushels)	State	Production (000 Tons)	State	Production (000 Bushels)	State	Production (000 Tons)
1.	Iowa	1,625,600	Iowa	11,375	Kansas	256,680	Kansas	3,984
2.	Illinois	1,358,080	Wisconsin	10,800	Texas	243,000	Nebraska	735
3.	Nebraska	793,500	Minnesota	10,125	Nebraska	144,570	Oklahoma	490
4.	Indiana	664,160	New York	8,125	Missouri	59,040	Mississippi	473
5.	Minnesota	606,000	Pa.	6,150	Oklahoma	23,175	Georgia	390
6.	Ohio	417,450	Nebraska	6,123	S. Dakota	13,590	North Carolina	325
7.	Wisconsin	306,940	Michigan	4,995	New Mexico	13,416	South Dakota	301
8.	Michigan	237,500	Colorado	4,400	California	12,000	Texas	280
9.	Missouri	228,660	S. Dakota	4,056	Arkansas	10,912	Colorado	280
10.	S. Dakota	210,900	California	3,696	Colorado	10,640	Missouri	231
11.	Kansas	171,990	Kansas	3,675	Arizona	5,112	California	209
12.	Kentucky	132,600	Illinois	3,520	Illinois	5,100	Arkansas	162
13.	Texas	132,300	Virginia	2,700	N. Carolina	4,399	Alabama	158
14.	N. C.	128,440	Ohio	2,688	Kentucky	2,312	Iowa	126
15.	Pa.	115,425	Indiana	2,211	Georgia	1,911	New Mexico	122
16.	Georgia	100,750	Kentucky	1,955	Tennessee	1,479	Illinois	115
17.	Colorado	92,075	N. Dakota	1,843	Mississippi	1,452	South Carolina	99
18.	Maryland	58,905	N. Carolina	1,820	Iowa	1,330	Indiana	92
19.	New York	55,250	Tennessee	1,798	Alabama	1,036	Louisiana	90
20.	Tennessee	51,460	Texas	1,733	Indiana	825	Virginia	88
21.	Virginia	51,045	Vermont	1,575	Louisiana	684	Tennessee	72
22.	S. Carolina	40,720	Idaho	1,521	Virginia	588	Kentucky	69
23.	Alabama	30,622	Utah	1,482	South Carolina	532	Arizona	68
24.	California	30,420	Missouri	1,456	Pennsylvania	525	Pennsylvania	52
25.	N. Dakota	22,040	Maryland	1,395				
26.	Florida	19,080	Montana	1,168				
27.	Delaware	17,034	Washington	1,144				
28.	Washington	12,257	Georgia	1,092				
29.	Oklahoma	8,250	Mississippi	900				
30.	New Mexico	8,066	Wyoming	891				
31.	New Jersey	7,380	Connecticut	740				
32.	Mississippi	5,720	Oregon	704				
33.	Arizona	5,175	Massachusetts	663				
34.	W. Virginia	4,543	Oklahoma	656				
35.	Idaho	3,608	Maine	608				
36.	Wyoming	2,523	S. Carolina	594				
37.	Louisiana	2,214	New Jersey	585				
38.	Arkansas	2,100	Alabama	529				
39.	Utah	1,504	New Mexico	490				
40.	Oregon	1,100	W. Virginia	473				
41.	Montana	385	N. Hampshire	360				
42.			Arizona	264				
43.			Florida	234				
44.			Delaware	154				
45.			Louisiana	143				
46.			Rhode Island	56				
47.			Arkansas	40				

CROP RANKINGS BY STATE-1979

RANK	ALL HAY		ALFALFA HAY		ALL OTHER HAY		POPCORN	
	State	Production (000 Tons)	State	Production (000 Tons)	State	Production (000 Tons)	State	Production (000 Pounds)
1.	Wisconsin	12,555	Wisconsin	10,230	Texas	5,160	Nebraska	170,500
2.	Minnesota	9,030	Minnesota	7,310	Missouri	4,640	Indiana	147,500
3.	Iowa	8,271	Iowa	6,970	New York	2,679	Illinois	47,790
4.	South Dakota	7,915	California	6,300	Kentucky	2,502	Ohio	44,480
5.	Nebraska	7,618	South Dakota	5,500	S. Dakota	2,415	Iowa	43,350
6.	California	7,295	Nebraska	5,363	Oklahoma	2,380	Kentucky	28,200
7.	Texas	6,147	North Dakota	3,830	Wisconsin	2,325	Michigan	18,360
8.	Missouri	6,070	Idaho	3,631	Nebraska	2,255	Missouri	13,975
9.	North Dakota	5,780	Kansas	3,502	Kansas	2,214	Kansas	12,870
10.	Kansas	5,716	Michigan	3,224	Pa.	1,998	Other States	9,526
11.	New York	5,539	Illinois	2,886	N. Dakota	1,950		
12.	Pennsylvania	4,293	New York	2,860	Ohio	1,936		
13.	Montana	4,291	Montana	2,835	Tennessee	1,759		
14.	Idaho	4,126	Pennsylvania	2,295	Minnesota	1,720		
15.	Oklahoma	4,030	Colorado	2,046	Virginia	1,505		
16.	Michigan	3,833	Washington	1,811	Montana	1,456		
17.	Illinois	3,766	Utah	1,805	Arkansas	1,369		
18.	Ohio	3,606	Ohio	1,670	Iowa	1,301		
19.	Colorado	3,216	Oklahoma	1,650	Mississippi	1,287		
20.	Kentucky	3,134	Missouri	1,430	Colorado	1,170		
21.	Washington	2,459	Oregon	1,377	Georgia	1,170		
22.	Oregon	2,409	Arizona	1,312	Alabama	1,134		
23.	Indiana	2,150	Wyoming	1,308	Oregon	1,032		
24.	Wyoming	2,127	Indiana	1,248	California	995		
25.	Utah	2,026	New Mexico	1,062	Indiana	902		
26.	Tennessee	2,022	Texas	987	Illinois	880		
27.	Virginia	1,775	Kentucky	632	Wyoming	819		
28.	Arkansas	1,552	Nevada	629	Louisiana	796		
29.	Arizona	1,397	Virginia	270	Washington	648		
30.	Mississippi	1,287	Tennessee	263	Michigan	609		
31.	Georgia	1,170	Vermont	255	West Virginia	600		
32.	New Mexico	1,158	Maryland	221	Vermont	595		
33.	Alabama	1,134	New Jersey	194	N. Carolina	541		
34.	Nevada	979	Arkansas	183	Idaho	495		
35.	Vermont	850	West Virginia	149	Florida	494		
36.	Louisiana	827	Massachusetts	75	S. Carolina	452		
37.	West Virginia	749	Maine	53	Maryland	385		
38.	Maryland	606	Connecticut	53	Nevada	350		
39.	North Carolina	589	New Hampshire	49	Maine	332		
40.	Florida	494	North Carolina	48	Utah	221		
41.	South Carolina	452	Louisiana	31	Massachusetts	203		
42.	Maine	385	Delaware	26	New Jersey	145		
43.	New Jersey	339	Rhode Island	8	New Hampshire	139		
44.	Massachusetts	278			Connecticut	122		
45.	New Hampshire	188			New Mexico	96		
46.	Connecticut	175			Arizona	85		
47.	Delaware	52			Delaware	26		
48.	Rhode Island	18			Rhode Island	10		

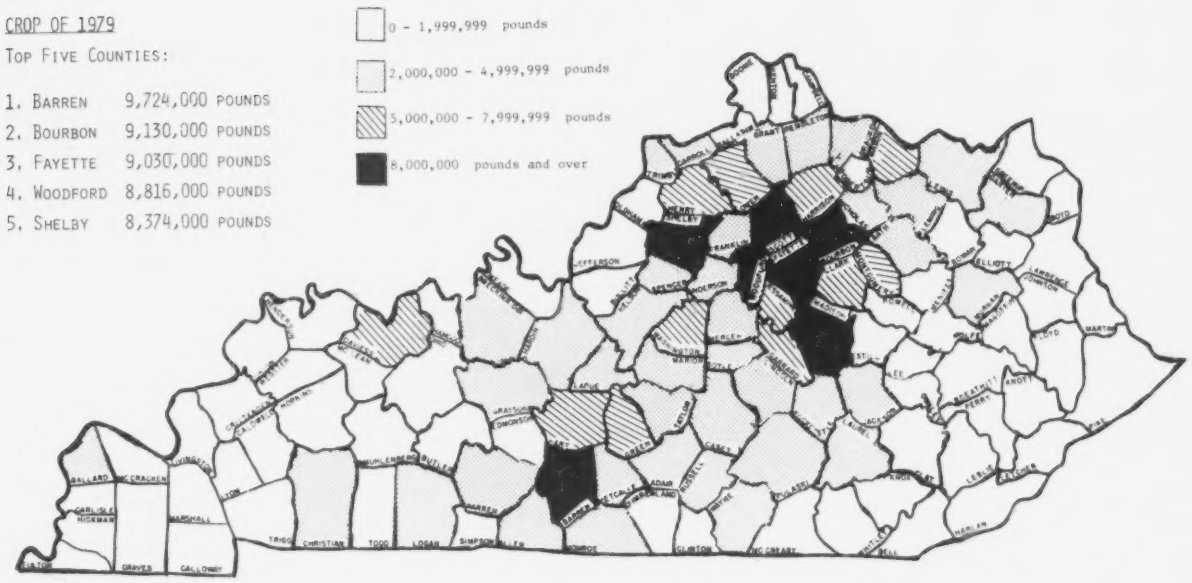
CROP RANKINGS BY STATE-1979

RANK	WINTER WHEAT		RYE		OATS		BARLEY	
	State	Production (000 Bushels)	State	Production (000 Bushels)	State	Production (000 Bushels)	State	Production (000 Bushels)
1.	Kansas	410,400	S. Dakota	6,300	S. Dakota	98,500	N. Dakota	75,900
2.	Oklahoma	216,600	N. Dakota	5,180	Minnesota	84,930	Idaho	49,300
3.	Texas	138,000	Georgia	2,310	Iowa	63,000	California	47,400
4.	Washington	94,600	Minnesota	2,275	Wisconsin	55,860	Minnesota	40,810
5.	Nebraska	86,700	Nebraska	1,100	N. Dakota	36,960	Montana	40,560
6.	Missouri	70,400	Oklahoma	910	Ohio	23,800	Colorado	20,010
7.	Colorado	67,600	S. Carolina	651	Nebraska	20,140	S. Dakota	20,000
8.	Ohio	63,360	Michigan	625	Pa.	18,425	Washington	17,010
9.	Montana	57,375	Texas	513	New York	17,980	Utah	9,039
10.	Illinois	55,900	Kansas	504	Texas	16,800	Wyoming	8,460
11.	California	54,600	N. Carolina	460	Michigan	16,470	Oregon	8,000
12.	Oregon	48,000	Pennsylvania	459	Illinois	16,200	Pennsylvania	5,405
13.	Indiana	44,415	Illinois	391	Indiana	8,845	Virginia	5,200
14.	Idaho	35,700	Virginia	384	Montana	5,460	Maryland	4,312
15.	Michigan	33,755	Wisconsin	368	N. Carolina	5,320	Arizona	3,225
16.	Arkansas	14,700	New York	320	California	4,675	N. Carolina	3,111
17.	Kentucky	11,020	Maryland	261	Oklahoma	4,560	Kansas	2,700
18.	S. Dakota	10,450	New Jersey	250	Oregon	4,160	Oklahoma	2,530
19.	Tennessee	10,030	Ohio	240	Kansas	3,740	Texas	2,300
20.	New Mexico	8,756	Indiana	208	S. Carolina	3,186	New Mexico	1,566
21.	Pennsylvania	8,122	Missouri	184	Georgia	3,186	Nevada	1,320
22.	N. Carolina	7,560	Oregon	168	Colorado	2,500	Kentucky	1,250
23.	New York	6,560	Iowa	145	Maine	2,418	Nebraska	1,204
24.	Virginia	6,300	Colorado	100	Idaho	2,288	Wisconsin	1,176
25.	Wyoming	5,874	Kentucky	96	Arkansas	2,080	Delaware	1,125
26.	Georgia	5,600	Delaware	96	Missouri	2,025	S. Carolina	1,104
27.	Utah	5,040	Wyoming	51	Wyoming	2,024	New Jersey	918
28.	Arizona	4,290			Washington	1,749	Michigan	799
29.	Maryland	4,218			Virginia	1,715	Tennessee	598
30.	Mississippi	3,680			Maryland	1,210	New York	528
31.	S. Carolina	3,597			Tennessee	1,107	Ohio	468
32.	Iowa	2,664			Alabama	1,025	West Virginia	410
33.	North Dakota	2,640			Utah	708	Illinois	329
34.	Alabama	2,470			West Virginia	612		
35.	Minnesota	1,785			New Jersey	400		
36.	Wisconsin	1,634			Kentucky	328		
37.	New Jersey	1,476						
38.	Delaware	1,020						
39.	Nevada	910						
40.	Louisiana	756						
41.	West Virginia	340						

BURLEY TOBACCO COUNTY ESTIMATES - 1979

District and County	Acres Harv.	Yield Per Acre (Pounds)	Production (Pounds)
Ballard	1,150	2,000	2,300,000
Calloway	210	1,810	380,000
Carlisle	270	2,100	567,000
Graves	405	1,910	774,000
Hickman	30	1,870	56,000
Lyon	215	2,130	458,000
McCracken	485	1,960	951,000
Marshall	205	2,125	436,000
Trigg	690	2,000	1,380,000
Other Counties	5	1,800	9,000
DISTRICT 1	3,665	1,995	7,311,000
Caldwell	530	1,850	981,000
Christian	2,500	1,850	4,625,000
Daviess	2,700	1,950	5,265,000
Hancock	800	1,700	1,360,000
Henderson	300	1,840	552,000
Hopkins	85	1,625	138,000
Logan	1,250	1,860	2,325,000
McLean	600	2,100	1,260,000
Muhlenberg	390	1,800	702,000
Ohio	1,000	1,610	1,610,000
Simpson	710	1,930	1,370,000
Todd	1,000	1,750	1,750,000
Webster	70	1,700	119,000
Other Counties	10	1,700	17,000
DISTRICT 2	11,945	1,848	22,074,000
Adair	1,900	1,975	3,753,000
Allen	1,300	2,025	2,633,000
Barren	4,400	2,210	9,724,000
Breckinridge	2,500	1,700	4,250,000
Bullitt	500	1,850	925,000
Butler	300	1,775	533,000
Casey	2,400	1,825	4,380,000
Clinton	860	2,020	1,737,000
Cumberland	1,000	1,925	1,925,000
Edmonson	750	1,710	1,283,000
Grayson	1,550	1,750	2,713,000
Green	2,300	2,260	5,198,000
Hardin	1,650	1,910	3,152,000
Hart	3,300	2,250	7,425,000
Jefferson	230	1,625	374,000
Larue	1,200	2,240	2,688,000
Marion	2,050	2,000	4,100,000
Meade	700	1,600	1,120,000
Metcalfe	2,200	2,090	4,598,000
Monroe	1,350	2,120	2,862,000
Nelson	1,650	2,010	3,317,000
Russell	1,300	2,000	2,600,000
Taylor	2,000	1,960	3,920,000
Warren	2,150	1,960	4,214,000
DISTRICT 3	39,540	2,009	79,424,000
Boone	1,050	1,860	1,953,000
Bracken	2,200	1,910	4,202,000
Campbell	220	1,730	381,000
Carroll	1,450	2,000	2,900,000
Gallatin	800	1,965	1,572,000
Grant	1,850	1,900	3,515,000
Henry	3,350	2,300	7,705,000
Kenton	500	1,700	850,000
Oldham	560	1,910	1,070,000
Owen	2,700	2,040	5,508,000
Pendleton	1,750	1,750	3,063,000
Trimble	1,330	2,350	3,126,000
DISTRICT 4	17,760	2,018	35,845,000
Anderson	1,200	2,060	2,472,000
Bath	2,300	2,030	4,669,000
Bourbon	4,150	2,200	9,130,000
Boyle	1,500	2,000	3,000,000
Clark	2,600	2,110	5,486,000
Fayette	4,300	2,100	9,030,000
Fleming	2,600	1,900	4,940,000
Franklin	2,100	2,225	4,673,000
Garrard	2,700	2,100	5,670,000
Harrison	3,250	2,110	6,858,000
Jessamine	2,600	2,070	5,382,000
Lincoln	2,400	1,920	4,608,000
Madison	3,900	2,100	8,190,000
Mason	3,100	1,900	5,890,000
Mercer	2,500	1,950	4,875,000
Montgomery	2,300	2,240	5,152,000
Nicholas	1,900	1,900	3,610,000
Robertson	800	1,860	1,488,000
Scott	3,500	2,350	8,225,000
Shelby	3,950	2,120	8,374,000
Spencer	1,500	2,050	3,075,000
Washington	2,550	2,020	5,151,000
Woodford	3,800	2,320	8,816,000
DISTRICT 5	61,500	2,094	128,764,000
Boyd	20	1,600	32,000
Breathitt	550	1,875	1,031,000
Carter	1,200	1,750	2,100,000
Clay	1,100	1,775	1,953,000
Elliott	870	1,710	1,488,000
Estill	620	1,920	1,190,000
Greenup	750	1,625	1,219,000
Jackson	1,250	1,750	2,188,000
Johnson	190	1,650	314,000
Knox	360	1,700	612,000
Laurel	1,750	1,750	3,063,000
Lawrence	250	1,600	400,000
Lee	250	1,875	469,000
Leslie	20	1,900	38,000
Lewis	1,750	1,760	3,080,000
McCreary	25	1,640	41,000
Magoffin	650	1,650	1,073,000
Menifee	600	1,725	1,035,000
Morgan	1,650	1,750	2,888,000
Owsley	780	1,920	1,498,000
Perry	25	1,600	40,000
Powell	400	1,900	760,000
Pulaski	2,550	1,900	4,845,000
Rockcastle	1,250	1,700	2,125,000
Rowan	540	1,700	918,000
Wayne	1,150	2,000	2,300,000
Whitley	210	1,850	389,000
Wolfe	820	1,800	1,476,000
Other Counties	10	1,700	17,000
DISTRICT 6	21,590	1,787	38,582,000
STATE	156,000	2,000	312,000,000

BURLEY TOBACCO PRODUCTION



Kentucky's number one cash crop.

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DARK AIR-CURED TOBACCO COUNTY ESTIMATES - 1979

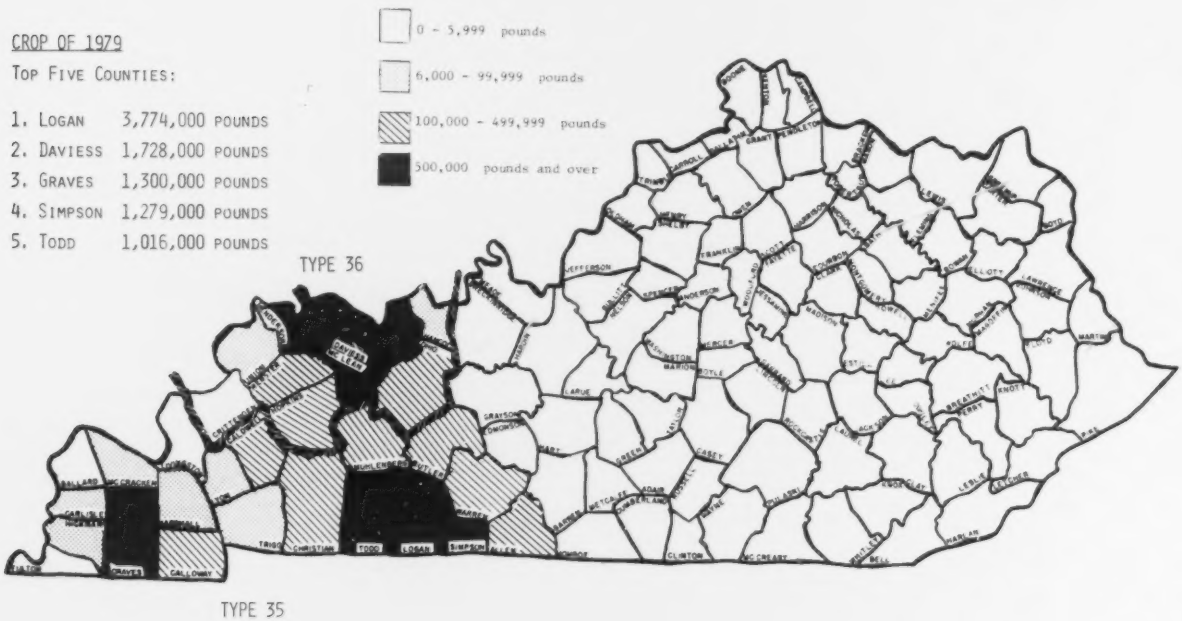
ONE SUCKER, TYPE 35

County	Acres Harvested	Yield per Acre	Production
		(Pounds)	(Pounds)
Allen	195	1,680	328,000
Butler	78	1,720	134,000
Caldwell	92	1,715	158,000
Calloway	140	1,700	238,000
Carlisle	52	1,865	97,000
Christian	68	2,000	136,000
Graves	745	1,745	1,300,000
Hickman	49	1,990	97,500
Logan	2,240	1,685	3,774,000
Lyon	24	2,040	49,000
McCracken	8	1,690	13,500
Marshall	60	1,640	98,500
Muhlenberg	100	1,510	151,000
Simpson	780	1,640	1,279,000
Todd	660	1,540	1,016,000
Trigg	35	1,970	69,000
Warren	165	1,735	286,000
Other Counties	9	1,720	15,500
STATE TOTAL	5,500	1,680	9,240,000

GREEN RIVER, TYPE 36

County	Acres Harvested	Yield per Acre	Production
		(Pounds)	(Pounds)
Daviess	990	1,745	1,728,000
Hancock	18	1,555	28,000
Henderson	430	1,480	636,000
Hopkins	180	1,585	285,000
McLean	505	1,855	937,000
Ohio	165	1,540	254,000
Union	10	1,650	16,500
Webster	295	1,560	460,000
Other Counties	7	1,500	10,500
STATE TOTAL	2,600	1,675	4,355,000

DARK AIR-CURED TOBACCO PRODUCTION



Green River tobacco growing in Henderson County.

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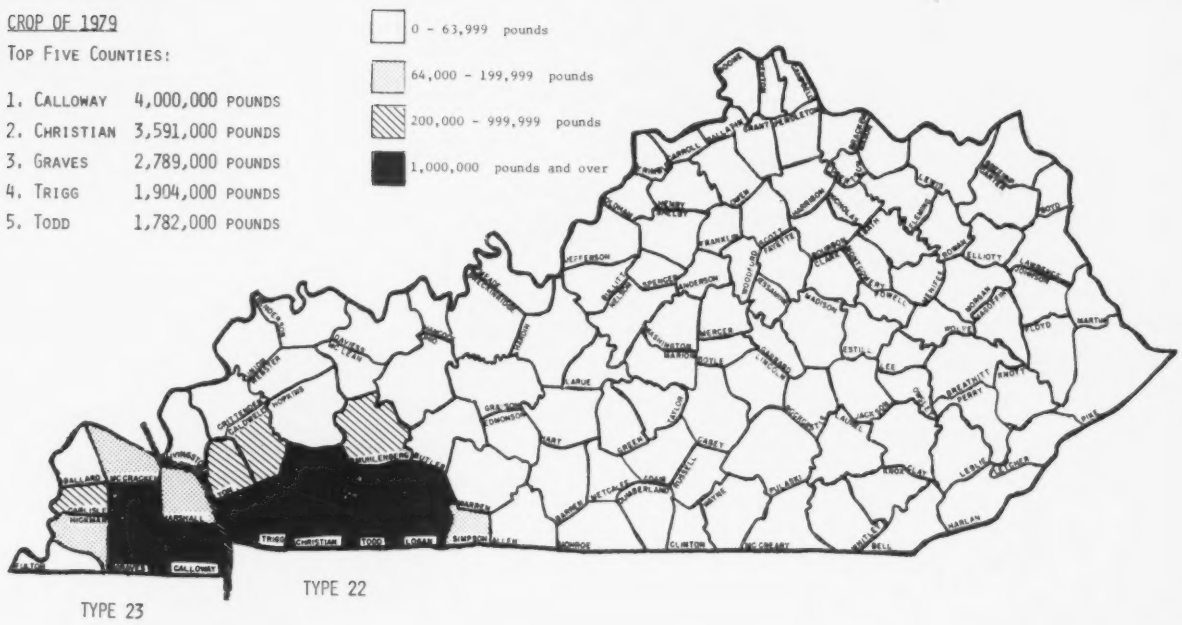
DARK FIRE TOBACCO PRODUCTION



DARK FIRE TOBACCO COUNTY ESTIMATES-1979

EASTERN DARK-FIRED, TYPE 22

County	Acres Harvested	Yield per Acre	Production
		(Pounds)	(Pounds)
Caldwell	365	1,950	712,000
Christian	1,890	1,900	3,591,000
Logan	530	1,900	1,007,000
Lyon	165	1,780	294,000
Muhlenberg	350	1,700	595,000
Simpson	60	1,750	105,000
Todd	1,030	1,730	1,782,000
Trigg	1,010	1,885	1,904,000
STATE TOTAL	5,400	1,850	9,990,000

WESTERN DARK-FIRED, TYPE 23

County	Acres Harvested	Yield per Acre	Production
		(Pounds)	(Pounds)
Ballard	22	2,045	45,000
Calloway	2,210	1,810	4,000,000
Carlisle	165	1,925	318,000
Graves	1,580	1,765	2,789,000
Hickman	63	1,760	111,000
McCracken	67	1,760	118,000
Marshall	93	1,925	179,000
STATE TOTAL	4,200	1,800	7,560,000

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WHITE CORN DISTRICT ESTIMATES 1978 AND 1979

1978 BY CROP REPORTING DISTRICT

DISTRICTS	Planted Acres	Harvested for Grain	Yield Per Acre	Production
	(Acres)	(Acres)	(Bushels)	(Bushels)
District 1	4,500	4,300	60.0	258,000
District 2	96,000	95,000	78.7	7,476,000
District 3	22,000	20,500	87.8	1,800,000
District 4	1,100	900	94.4	85,000
District 5	3,400	2,700	90.0	243,000
District 6	3,000	2,600	83.8	218,000
STATE	130,000	126,000	80.0	10,080,000

1979 BY CROP REPORTING DISTRICT

DISTRICTS	Planted Acres	Harvested for Grain	Yield Per Acre	Production
	(Acres)	(Acres)	(Bushels)	(Bushels)
District 1	3,500	3,400	92.9	316,000
District 2	43,500	43,000	100.0	4,300,000
District 3	21,000	19,800	90.0	1,782,000
District 4	600	500	92.0	46,000
District 5	4,000	3,200	90.9	291,000
District 6	2,400	2,100	84.3	177,000
STATE	75,000	72,000	96.0	6,912,000

CORN FOR ALL PURPOSES
COUNTY ESTIMATES - 1979

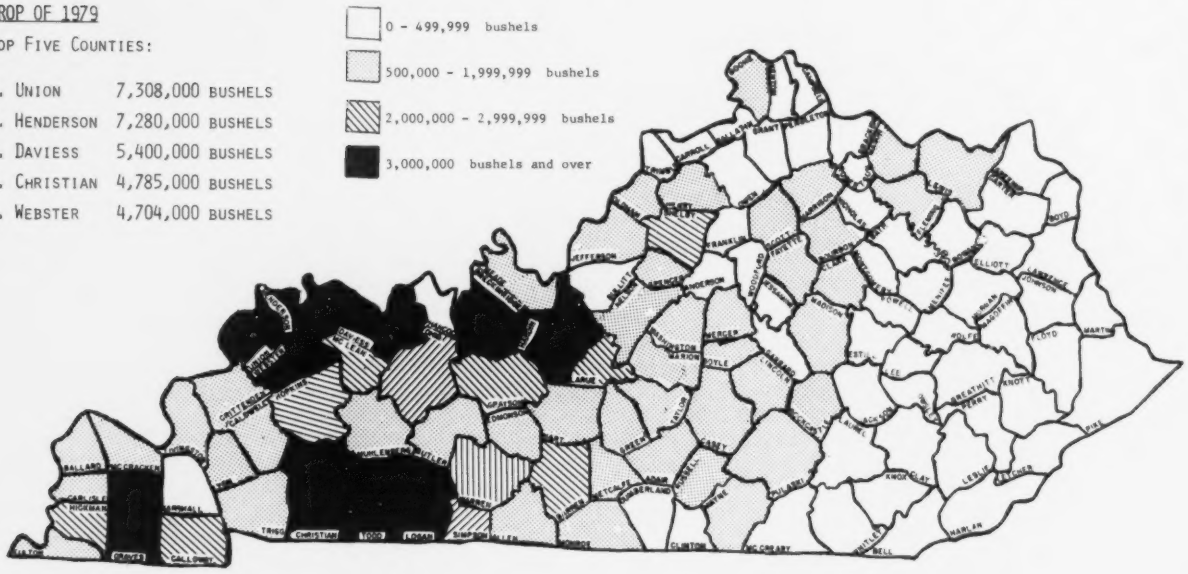
District and County	Acres Planted	Acres Harv.	Yield Harv. Acres	Production
			(Bushels)	
Ballard	14,000	13,100	95.0	1,244,500
Calloway	22,000	21,000	106.0	2,226,000
Carlisle	9,000	8,700	104.0	904,800
Fulton	8,500	7,900	96.0	758,400
Graves	40,500	39,500	100.0	3,950,000
Hickman	19,000	18,200	110.0	2,002,000
Livingston	11,500	10,700	96.0	1,027,200
Lyon	6,500	6,200	85.0	527,000
McCracken	9,000	8,700	99.0	861,300
Marshall	6,500	5,200	95.0	494,000
Trigg	15,000	14,700	102.0	1,499,400
DISTRICT 1	161,500	153,900	100.7	15,494,600
Caldwell	18,800	18,000	102.0	1,836,000
Christian	44,500	43,500	110.0	4,785,000
Crittenden	17,000	16,300	90.0	1,467,000
Daviess	52,000	50,000	108.0	5,400,000
Hancock	5,000	4,700	90.0	423,000
Henderson	67,500	65,000	112.0	7,280,000
Hopkins	28,700	28,300	104.0	2,943,200
Logan	34,500	33,200	112.0	3,718,400
McLean	26,000	25,200	117.0	2,948,400
Muhlenberg	15,000	13,800	98.0	1,352,400
Ohio	28,000	27,000	104.0	2,808,000
Simpson	23,000	22,100	113.0	2,497,300
Todd	29,500	28,000	108.0	3,024,000
Union	65,000	63,000	116.0	7,308,000
Webster	42,500	42,000	112.0	4,704,000
DISTRICT 2	497,000	480,100	109.3	52,494,700
Adair	14,500	12,000	96.0	1,152,000
Allen	13,000	12,500	92.0	1,150,000
Barren	32,000	29,200	100.0	2,920,000
Breckinridge	41,000	39,700	88.0	3,493,600
Bullitt	6,000	5,000	90.0	450,000
Butler	20,500	18,500	99.0	1,831,500
Casey	12,500	9,300	95.0	883,500
Clinton	5,800	5,000	95.0	475,000
Cumberland	5,700	5,300	90.0	477,000
Edmonson	8,000	7,600	96.0	729,600
Grayson	23,500	22,300	90.0	2,007,000
Green	16,000	14,500	95.0	1,377,500
Hardin	39,500	37,500	100.0	3,750,000
Hart	18,500	14,700	97.0	1,425,900
Jefferson	5,700	5,400	103.0	556,200
Larue	27,000	25,000	108.0	2,700,000
Marion	14,000	9,700	102.0	989,400
Meade	16,000	15,200	90.0	1,368,000
Metcalfe	14,500	13,800	85.0	1,173,000
Monroe	10,000	8,100	96.0	777,600
Nelson	26,000	19,500	90.0	1,755,000
Russell	9,000	6,400	102.0	652,800
Taylor	18,500	16,600	110.0	1,826,000
Warren	29,500	28,000	102.0	2,856,000
DISTRICT 3	426,700	380,800	96.6	36,776,600
Boone	6,500	5,500	97.0	533,500
Bracken	2,700	2,000	98.0	196,000
Campbell	1,500	1,200	90.0	108,000
Carroll	2,800	2,300	103.0	236,900
Gallatin	2,200	1,700	95.0	161,500
Grant	2,600	2,100	85.0	178,500
Henry	13,500	11,100	97.0	1,076,700
Kenton	1,900	1,500	94.0	141,000
Oldham	8,500	7,800	102.0	795,600
Owen	3,200	2,300	100.0	230,000
Pendleton	3,600	2,600	91.0	236,600
Trimble	4,300	3,800	99.0	376,200
DISTRICT 4	53,300	43,900	97.3	4,270,500
Anderson	3,000	2,200	90.0	198,000
Bath	6,100	5,000	95.0	475,000
Bourbon	16,000	14,000	110.0	1,540,000
Boyle	9,000	7,000	98.0	686,000
Clark	8,700	6,700	105.0	703,500
Fayette	9,500	8,000	110.0	880,000
Fleming	15,500	11,000	102.0	1,122,000
Franklin	3,400	2,600	90.0	234,000
Garrard	5,500	3,800	90.0	342,000
Harrison	7,000	6,000	99.0	594,000
Jessamine	4,500	3,600	101.0	363,600
Lincoln	13,500	10,000	95.0	950,000
Madison	11,000	9,000	111.0	999,000
Mason	13,000	10,500	105.0	1,102,500
Mercer	12,000	9,000	92.0	828,000
Montgomery	5,600	3,700	105.0	388,500
Nicholas	3,500	2,200	90.0	198,000
Robertson	900	700	80.0	56,000
Scott	7,100	6,200	93.0	576,600
Shelby	28,000	21,500	98.0	2,107,000
Spencer	10,500	8,500	94.0	799,000
Washington	12,000	8,500	99.0	841,500
Woodford	5,800	4,000	98.0	392,000
DISTRICT 5	210,500	163,700	100.0	16,375,200
Boyd	700	600	80.0	48,000
Breathitt	1,800	1,500	90.0	135,000
Carter	2,200	1,900	85.0	161,500
Clay	2,800	2,500	86.0	215,000
Elliott	1,300	1,200	92.0	110,400
Estill	5,000	4,700	92.0	432,400
Greenup	3,100	2,600	80.0	208,000
Jackson	3,000	2,600	85.0	221,000
Knott	600	500	80.0	40,000
Knox	2,300	1,800	70.0	126,000
Laurel	4,000	2,600	95.0	247,000
Lawrence	900	700	97.0	67,900
Lee	1,800	1,500	80.0	120,000
Lewis	7,500	7,100	88.0	624,800
McCreary	700	600	80.0	48,000
Magoffin	1,300	1,200	85.0	102,000
Menifee	1,100	1,000	90.0	90,000
Morgan	3,200	2,800	88.0	246,400
Owsley	1,800	1,500	80.0	120,000
Powell	2,400	2,200	90.0	198,000
Pulaski	18,800	14,800	101.0	1,494,800
Rockcastle	6,500	5,500	95.0	522,500
Rowan	2,200	1,900	85.0	161,500
Wayne	10,000	9,100	110.0	1,001,000
Whitley	1,800	1,600	80.0	128,000
Wolfe	1,700	1,600	99.0	158,400
Other Counties	2,500	2,000	79.9	159,800
DISTRICT 6	91,000	77,600	92.6	7,187,400
STATE	1,440,000	1,300,000	102.0	132,600,000

CORN FOR GRAIN PRODUCTION

CROP OF 1979

TOP FIVE COUNTIES:

1. UNION 7,308,000 BUSHELS
2. HENDERSON 7,280,000 BUSHELS
3. DAVIESS 5,400,000 BUSHELS
4. CHRISTIAN 4,785,000 BUSHELS
5. WEBSTER 4,704,000 BUSHELS



A near record crop in 1979.

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SOYBEAN COUNTY ESTIMATES - 1979

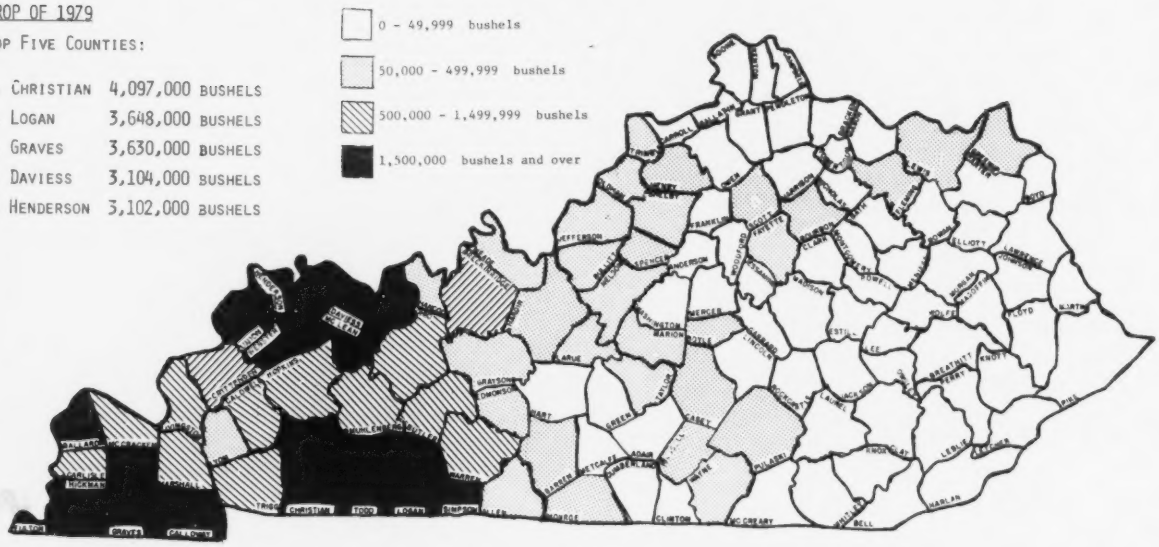
District and County	Acres Planted	Acres Harv.	Yield Harv. Acres	Production
			(Bushels)	
Ballard	56,600	56,000	29.0	1,624,000
Calloway	77,300	76,500	34.0	2,601,000
Carlisle	30,000	29,500	32.0	944,000
Fulton	70,000	69,000	32.0	2,208,000
Graves	123,000	121,000	30.0	3,630,000
Hickman	68,000	67,000	32.0	2,144,000
Livingston	30,000	29,500	29.0	855,500
Lyon	8,200	8,000	31.0	248,000
McCracken	35,000	34,500	31.0	1,069,500
Marshall	34,700	34,000	29.0	986,000
Trigg	16,000	15,700	35.0	549,500
DISTRICT 1	548,800	540,700	31.2	16,859,500
Caldwell	30,500	29,500	30.0	885,000
Christian	123,000	120,500	34.0	4,097,000
Crittenden	35,000	33,500	30.0	1,005,000
Daviess	101,000	97,000	32.0	3,104,000
Hancock	17,000	16,700	28.0	467,600
Henderson	97,500	94,000	33.0	3,102,000
Hopkins	45,000	43,000	32.0	1,376,000
Logan	100,000	96,000	38.0	3,648,000
McLean	62,000	59,000	35.0	2,065,000
Muhlenberg	33,000	30,000	31.0	930,000
Ohio	35,200	30,000	28.0	840,000
Simpson	56,000	55,000	37.0	2,035,000
Todd	67,000	66,000	34.0	2,244,000
Union	46,000	44,000	35.0	1,540,000
Webster	50,700	50,000	32.0	1,600,000
DISTRICT 2	898,900	864,200	33.5	28,938,600
Adair	700	600	30.0	18,000
Allen	8,500	8,000	32.0	256,000
Barren	6,000	5,500	34.0	187,000
Breckinridge	23,500	22,500	31.0	697,500
Bullitt	5,000	4,500	30.0	135,000
Butler	23,000	20,500	31.0	635,500
Casey	3,000	2,700	30.0	81,000
Clinton	700	600	29.0	17,400
Cumberland	900	800	30.0	24,000
Edmonson	6,000	5,700	34.0	193,800
Grayson	15,700	15,300	31.0	474,300
Green	1,300	1,200	31.0	37,200
Hardin	13,300	12,900	31.0	399,900
Hart	900	800	29.0	23,200
Jefferson	8,900	8,500	31.0	263,500
Larue	6,700	6,500	34.0	221,000
Marion	6,200	5,800	31.0	179,800
Meade	13,000	12,800	30.0	384,000
Metcalfe	800	700	30.0	21,000
Monroe	2,800	2,700	30.0	81,000
Nelson	10,000	8,500	30.0	255,000
Russell	2,600	2,400	33.0	79,200
Taylor	8,000	7,700	34.0	261,800
Warren	43,000	41,200	35.0	1,442,000
DISTRICT 3	210,500	198,400	32.1	6,368,100
Boone	1,700	1,400	30.0	42,000
Carroll	1,600	1,400	31.0	43,400
Gallatin	1,000	900	31.0	27,900
Henry	1,800	1,700	31.0	52,700
Oldham	3,200	3,000	30.0	90,000
Trimble	4,000	3,800	33.0	125,400
Other Counties	1,000	800	29.0	23,200
DISTRICT 4	14,300	13,000	31.1	404,600
Bourbon	2,200	2,000	32.0	64,000
Boyle	1,800	1,700	32.0	54,400
Clark	700	600	31.0	18,600
Fayette	2,800	2,700	32.0	86,400
Fleming	2,100	2,000	32.0	64,000
Franklin	800	700	29.0	20,300
Harrison	1,200	1,100	35.0	38,500
Madison	700	600	32.0	19,200
Mason	1,000	900	32.0	28,800
Mercer	800	700	34.0	23,800
Montgomery	800	700	32.0	22,400
Scott	2,000	1,900	32.0	60,800
Shelby	7,700	7,400	30.0	222,000
Spencer	3,000	2,700	31.0	83,700
Washington	900	800	33.0	26,400
Woodford	700	600	30.0	18,000
Other Counties	1,100	800	29.0	23,200
DISTRICT 5	30,300	27,900	31.3	874,500
Greenup	1,800	1,700	30.0	51,000
Lewis	2,000	1,800	32.0	57,600
Pulaski	2,500	2,300	32.0	73,600
Rockcastle	700	600	30.0	18,000
Wayne	8,000	7,500	33.0	247,500
Other Counties	2,200	1,900	30.0	57,000
DISTRICT 6	17,200	15,800	31.9	504,700
STATE	1,720,000	1,660,000	32.5	53,950,000

SOYBEAN PRODUCTION

CROP OF 1979

TOP FIVE COUNTIES:

1. CHRISTIAN 4,097,000 BUSHELS
2. LOGAN 3,648,000 BUSHELS
3. GRAVES 3,630,000 BUSHELS
4. DAVIESS 3,104,000 BUSHELS
5. HENDERSON 3,102,000 BUSHELS



Soybean acreage greater than corn acreage for first time in 1979.

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WINTER WHEAT COUNTY ESTIMATES-1979

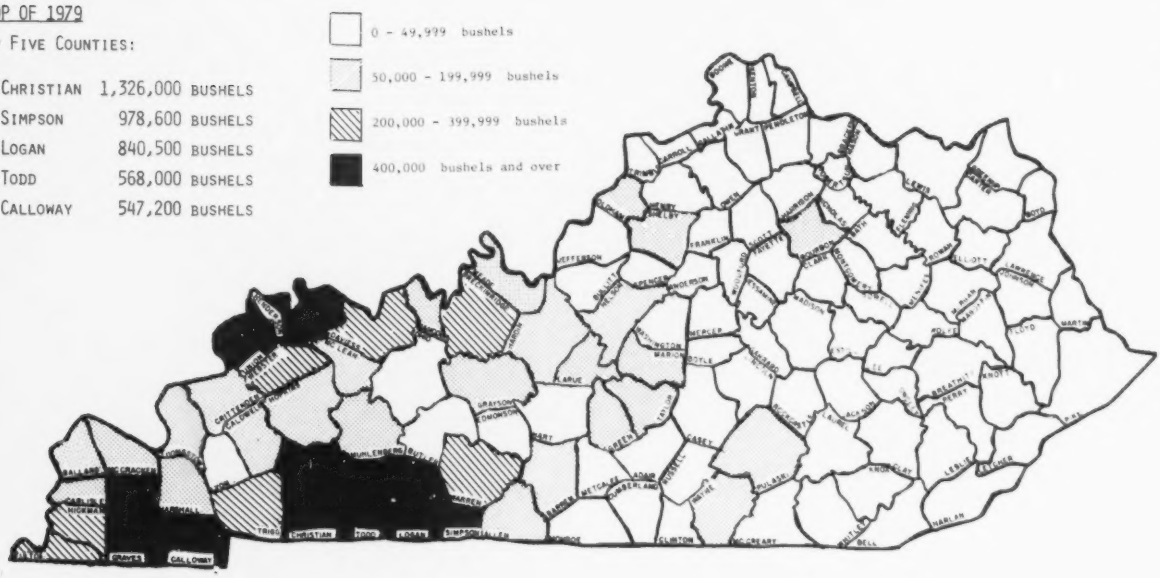
District and County	Acres Planted	Acres Harv.	Yield Harv. Acres	Production
			(Bushels)	
Ballard	6,200	5,100	39.0	198,900
Calloway	18,300	14,400	38.0	547,200
Carlisle	2,800	2,700	37.0	99,900
Fulton	9,000	8,400	33.0	277,200
Graves	18,100	12,500	34.0	425,000
Hickman	14,200	10,100	35.0	353,500
Livingston	4,800	4,600	38.0	174,800
Lyon	1,300	1,100	34.0	37,400
McCracken	3,700	2,400	36.0	86,400
Marshall	3,700	2,600	35.0	91,000
Trigg	8,500	7,800	38.0	296,400
DISTRICT 1	90,600	71,700	36.1	2,587,700
Caldwell	6,700	5,100	39.0	198,900
Christian	39,500	34,000	39.0	1,326,000
Crittenden	3,500	2,800	34.0	95,200
Daviess	8,400	5,400	41.0	221,400
Hancock	1,500	1,400	39.0	54,600
Henderson	10,500	9,700	46.0	446,200
Hopkins	4,000	3,100	31.0	96,100
Logan	22,000	20,500	41.0	840,500
McLean	4,700	4,000	39.0	156,000
Muhlenberg	2,500	2,100	30.0	63,000
Ohio	1,000	800	33.0	26,400
Simpson	25,000	23,300	42.0	978,600
Todd	16,000	14,200	40.0	568,000
Union	11,000	10,100	42.0	424,200
Webster	6,300	5,800	38.0	220,400
DISTRICT 2	162,600	142,300	40.2	5,715,500
Adair	1,700	1,000	31.0	31,000
Allen	2,800	2,200	36.0	79,200
Barren	4,900	3,400	35.0	119,000
Breckinridge	7,700	5,700	36.0	205,200
Bullitt	900	600	35.0	21,000
Butler	1,500	1,100	30.0	33,000
Edmonson	900	700	32.0	22,400
Grayson	3,500	2,500	32.0	80,000
Green	3,000	1,600	34.0	54,400
Hardin	5,500	3,700	39.0	144,300
Hart	1,000	500	36.0	18,000
Jefferson	1,000	800	39.0	31,200
Larue	2,700	1,500	38.0	57,000
Marion	2,500	1,500	39.0	58,500
Meade	6,500	4,400	35.0	154,000
Monroe	1,000	600	32.0	19,200
Nelson	5,200	3,200	38.0	121,600
Russell	800	500	35.0	17,500
Taylor	2,700	1,700	36.0	61,200
Warren	15,000	10,700	37.0	395,900
Other Counties	1,200	700	30.0	21,000
DISTRICT 3	72,000	48,600	35.9	1,744,600
Bracken	1,000	600	31.0	18,600
Gallatin	900	500	34.0	17,000
Henry	1,700	900	44.0	39,600
Oldham	2,200	1,900	42.0	79,800
Trimble	1,300	700	35.0	24,500
Other Counties	1,800	700	30.0	21,000
DISTRICT 4	8,900	5,300	37.8	200,500
Bath	1,500	500	37.0	18,500
Bourbon	5,000	3,400	37.0	125,800
Boyle	1,700	500	35.0	17,500
Clark	2,200	900	34.0	30,600
Fayette	2,500	1,200	37.0	44,400
Fleming	900	500	36.0	18,000
Harrison	2,000	800	34.0	27,200
Lincoln	1,700	600	30.0	18,000
Mason	3,500	1,300	32.0	41,600
Mercer	1,500	500	30.0	15,000
Montgomery	900	500	38.0	19,000
Nicholas	900	500	38.0	19,000
Scott	1,700	600	35.0	21,000
Shelby	5,500	3,300	37.0	122,100
Spencer	1,500	500	30.0	15,000
Washington	2,600	1,100	29.0	31,900
Woodford	1,500	500	35.0	17,500
Other Counties	1,300	500	31.0	15,500
DISTRICT 5	38,400	17,700	34.9	617,600
Pulaski	3,500	2,000	37.0	74,000
Wayne	3,000	1,900	34.0	64,600
Other Counties	1,000	500	31.0	15,500
DISTRICT 6	7,500	4,400	35.0	154,100
STATE	380,000	290,000	38.0	11,020,000

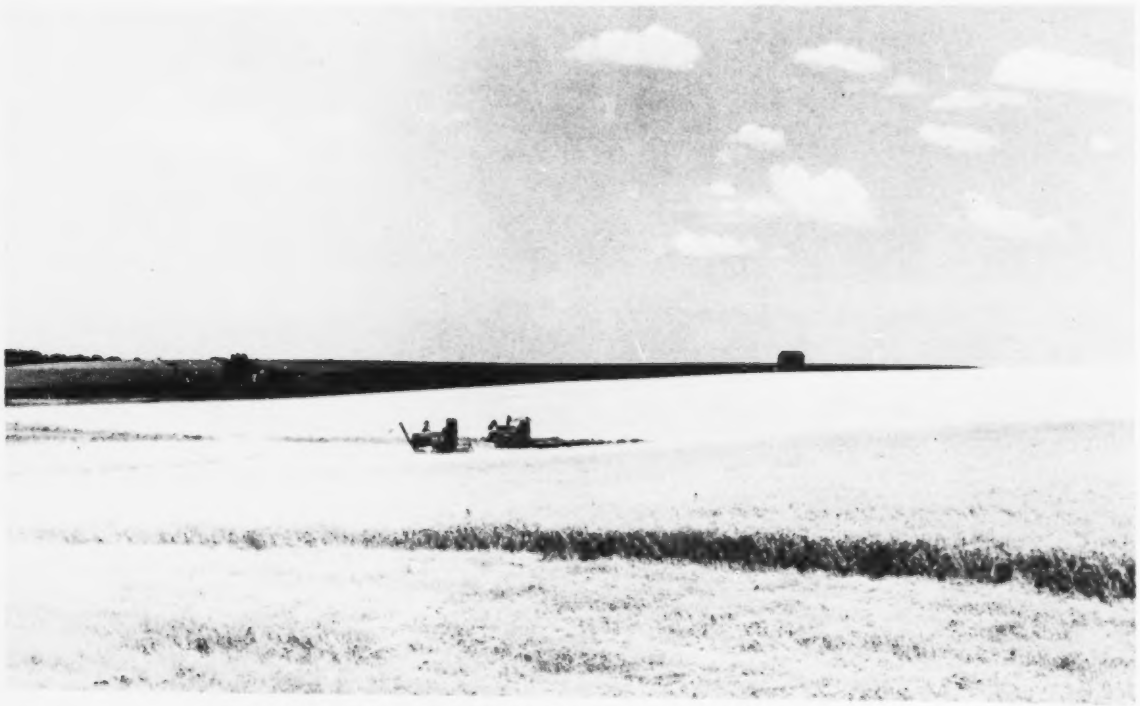
WINTER WHEAT PRODUCTION

CROP OF 1979

TOP FIVE COUNTIES:

1. CHRISTIAN 1,326,000 BUSHELS
2. SIMPSON 978,600 BUSHELS
3. LOGAN 840,500 BUSHELS
4. TODD 568,000 BUSHELS
5. CALLOWAY 547,200 BUSHELS





Wheat is important to double crop systems in Kentucky.

BEST AVAILABLE COPY

ALFALFA HAY COUNTY ESTIMATES-1979

District and County	Acres Harv.	Yield Per Acre	Production
		(Tons)	
Ballard	500	3.20	1,600
Fulton	1,000	3.70	3,700
Graves	500	3.40	1,700
Lyon	500	3.40	1,700
Trigg	1,600	3.00	4,800
Other Counties	1,200	2.50	3,000
DISTRICT 1	5,300	3.11	16,500
Caldwell	2,100	3.20	6,700
Christian	3,700	3.10	11,500
Crittenden	700	2.70	1,900
Daviess	2,500	3.00	7,500
Henderson	1,500	3.10	4,600
Logan	3,000	3.40	10,200
Simpson	3,300	3.30	10,900
Todd	2,100	3.80	8,000
Union	3,100	3.00	9,300
Webster	600	3.00	1,800
Other Counties	800	2.50	2,000
DISTRICT 2	23,400	3.18	74,400
Adair	1,900	3.20	6,100
Allen	1,000	3.20	3,200
Barren	5,500	3.40	18,700
Breckinridge	2,500	3.00	7,500
Bullitt	1,800	3.50	6,300
Casey	1,700	3.20	5,400
Edmonson	1,000	3.00	3,000
Grayson	1,500	3.10	4,600
Green	3,300	3.00	9,900
Hardin	6,100	3.00	18,300
Hart	7,800	3.30	25,700
Jefferson	2,000	3.40	6,800
Larue	5,500	3.70	20,300
Marion	3,700	3.20	11,800
Meade	3,500	3.30	11,500
Metcalfe	3,400	3.00	10,200
Monroe	1,500	3.00	4,500
Nelson	5,900	3.20	18,900
Taylor	2,500	3.30	8,200
Warren	9,000	3.80	34,200
Other Counties	1,400	2.60	3,600
DISTRICT 3	72,500	3.29	238,700

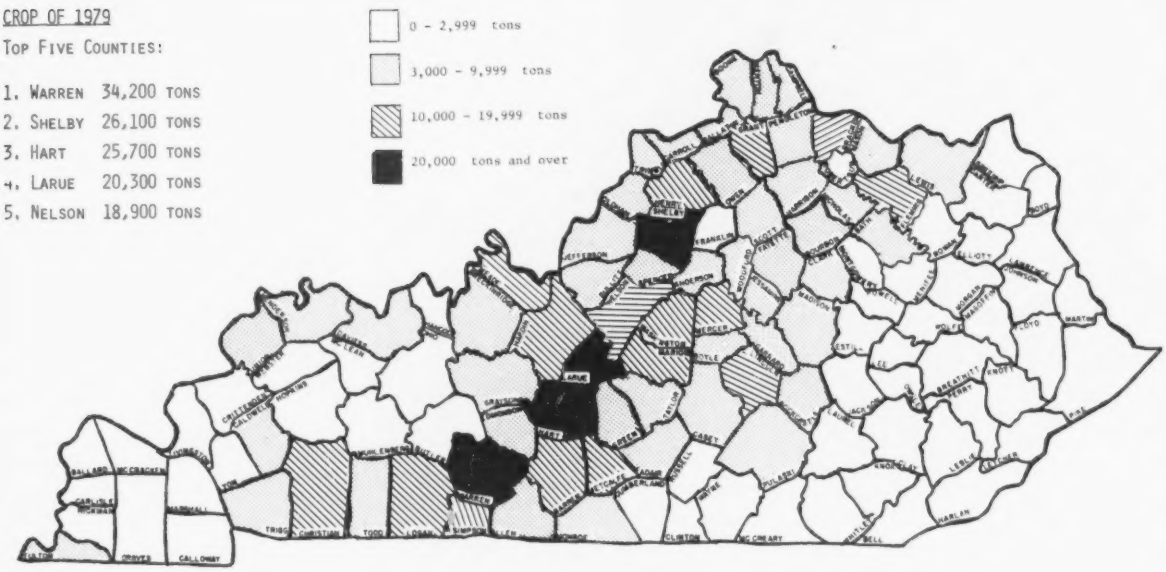
District and County	Acres Harv.	Yield Per Acre	Production
		(Tons)	
Boone	2,600	3.00	7,800
Bracken	3,300	3.10	10,200
Campbell	2,000	2.60	5,200
Carroll	1,700	2.40	4,100
Gallatin	2,000	3.40	6,800
Grant	3,900	3.00	11,700
Henry	4,500	3.00	13,500
Kenton	1,600	3.20	5,100
Oldham	2,800	3.10	8,700
Owen	3,200	3.00	9,600
Pendleton	3,000	2.70	8,100
Trimble	2,500	3.00	7,500
DISTRICT 4	33,100	2.97	98,300
Anderson	2,700	3.20	8,600
Bath	1,300	3.00	3,900
Bourbon	2,800	3.00	8,400
Boyle	2,000	3.00	6,000
Clark	1,700	3.10	5,300
Fayette	2,400	3.60	8,600
Fleming	4,900	3.20	15,700
Franklin	700	2.40	1,700
Garrard	1,300	3.00	3,900
Harrison	3,200	3.00	9,600
Jessamine	1,200	3.00	3,600
Lincoln	4,400	3.10	13,600
Madison	1,400	3.00	4,200
Mason	2,800	3.00	8,400
Mercer	4,500	3.00	13,500
Montgomery	1,000	2.80	2,800
Nicholas	1,200	2.80	3,400
Robertson	400	2.50	1,000
Scott	1,800	3.40	6,100
Shelby	9,000	2.90	26,100
Spencer	3,500	2.50	8,700
Washington	4,300	2.60	11,200
Woodford	2,000	3.50	7,000
DISTRICT 5	60,500	3.00	181,300
Greenup	600	2.70	1,600
Lewis	3,600	2.30	8,300
Pulaski	1,900	2.60	4,900
Rockcastle	1,500	3.20	4,800
Other Counties	1,600	2.00	3,200
DISTRICT 6	9,200	2.48	22,800
STATE	204,000	3.10	632,000

ALFALFA HAY PRODUCTION

CROP OF 1979

TOP FIVE COUNTIES:

1. WARREN 34,200 TONS
2. SHELBY 26,100 TONS
3. HART 25,700 TONS
4. LARUE 20,300 TONS
5. NELSON 18,900 TONS



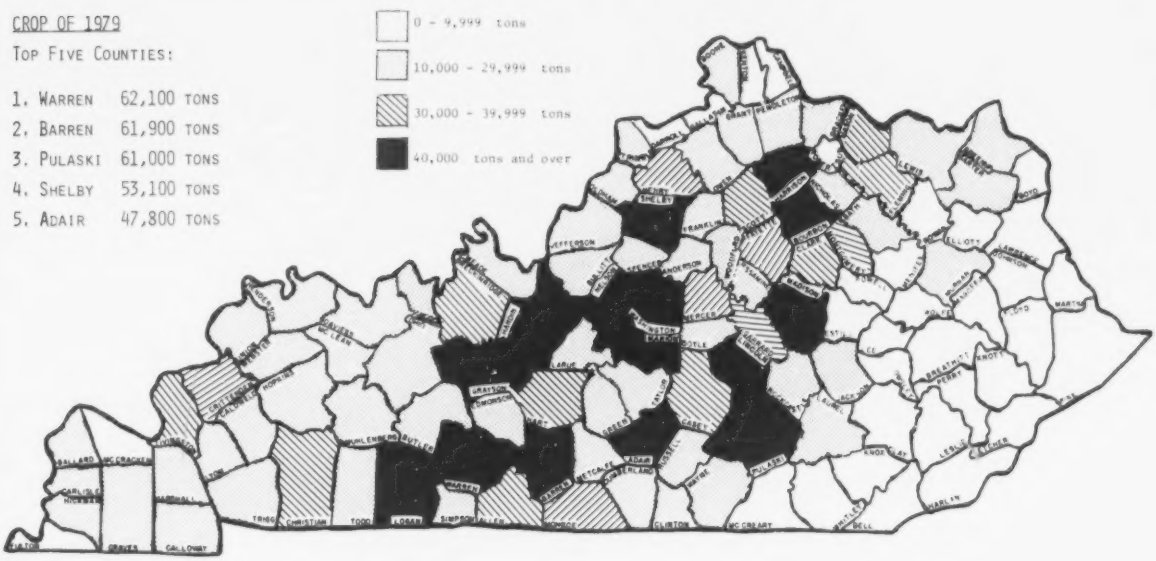
Alfalfa hay production important in beef and dairy areas of Kentucky.

BEST AVAILABLE COPY

ALL OTHER HAY COUNTY ESTIMATES-1979

District and County	Acres Harv.	Yield Per Acre	Production
		(Tons)	
Ballard	6,000	1.70	10,200
Calloway	6,800	1.90	12,900
Carlisle	7,300	1.80	13,100
Fulton	3,600	1.70	6,100
Graves	11,700	1.90	22,200
Hickman	6,300	1.80	11,300
Livingston	16,000	1.90	30,400
Lyon	9,500	1.90	18,100
McCracken	5,100	1.40	7,100
Marshall	6,000	1.90	11,400
Trigg	9,500	1.80	17,100
DISTRICT 1	87,800	1.82	159,900
Caldwell	15,000	1.60	24,000
Christian	19,800	1.90	37,600
Crittenden	20,000	1.70	34,000
Daviess	12,500	2.00	25,000
Hancock	5,500	2.10	11,600
Henderson	12,000	1.80	21,600
Hopkins	11,600	1.70	19,700
Logan	28,000	1.70	47,600
McLean	6,000	2.10	12,600
Muhlenberg	10,000	1.40	14,000
Ohio	11,500	1.80	20,700
Simpson	8,400	1.70	14,300
Todd	12,500	2.00	25,000
Union	11,500	1.90	21,900
Webster	11,000	1.50	16,500
DISTRICT 2	195,300	1.77	346,100
Adair	23,900	2.00	47,800
Allen	17,000	2.00	34,000
Barren	32,600	1.90	61,900
Breckinridge	22,000	1.70	37,400
Bullitt	9,000	1.70	15,300
Butler	12,500	2.00	25,000
Casey	18,100	1.90	34,400
Clinton	10,000	1.70	17,000
Cumberland	7,600	2.20	16,700
Edmonson	8,000	1.70	13,600
Grayson	22,500	1.90	42,800
Green	16,000	1.70	27,200
Hardin	26,500	1.80	47,700
Hart	15,000	2.00	30,000
Jefferson	10,800	2.10	22,700
Larue	13,000	2.00	26,000
Marion	20,000	2.00	40,000
Meade	15,000	1.70	25,500
Metcalfe	15,000	1.80	27,000
Monroe	16,500	2.00	33,000
Nelson	27,500	1.60	44,000
Russell	12,500	1.70	21,200
Taylor	14,000	2.00	28,000
Warren	34,500	1.80	62,100
DISTRICT 3	419,500	1.86	780,300
Boone	10,000	1.70	17,000
Bracken	8,500	1.90	16,100
Campbell	5,000	1.60	8,000
Carroll	4,400	2.00	8,800
Gallatin	3,600	1.70	6,100
Grant	8,500	1.80	15,300
Henry	18,500	1.90	35,200
Kenton	5,200	1.50	7,800
Oldham	8,600	1.90	16,300
Owen	15,800	1.70	26,900
Pendleton	11,500	1.70	19,500
Trimble	5,800	1.90	11,000
DISTRICT 4	105,400	1.78	188,000
Anderson	10,000	1.60	16,000
Bath	12,000	1.60	19,200
Bourbon	22,000	2.00	44,000
Boyle	17,500	1.60	28,000
Clark	18,000	1.80	32,400
Fayette	19,000	1.80	34,200
Fleming	22,500	1.70	38,300
Franklin	11,000	1.70	18,700
Garrard	16,800	1.80	30,200
Harrison	25,000	1.80	45,000
Jessamine	14,500	1.70	24,700
Lincoln	24,000	1.90	45,600
Madison	21,000	2.00	42,000
Mason	19,500	1.80	35,100
Mercer	19,000	1.70	32,300
Montgomery	19,000	1.80	34,200
Nicholas	14,500	1.90	27,600
Robertson	6,000	1.30	7,800
Scott	19,000	1.70	32,300
Shelby	29,500	1.80	53,100
Spencer	12,000	1.70	20,400
Washington	26,500	1.80	47,700
Woodford	15,500	1.90	29,500
DISTRICT 5	413,800	1.78	738,300
Bell	800	1.40	1,100
Boyd	2,000	1.70	3,400
Breathitt	700	1.70	1,200
Carter	7,000	1.50	10,500
Clay	3,800	1.70	6,500
Elliott	5,200	1.40	7,300
Estill	4,600	1.50	6,900
Floyd	1,400	1.90	2,700
Greenup	6,400	1.80	11,500
Harlan	700	1.70	1,200
Jackson	8,800	1.80	15,800
Johnson	1,800	1.70	3,100
Knott	500	1.40	700
Knox	4,200	1.40	5,900
Laurel	14,000	1.60	22,400
Lawrence	3,500	1.50	5,200
Lee	1,800	1.50	2,700
Lewis	13,000	1.50	19,500
McCreary	1,500	1.40	2,100
Magoffin	1,600	1.60	2,600
Menifee	2,600	1.60	4,200
Morgan	7,700	1.50	11,500
Owsley	1,700	1.50	2,500
Pike	900	1.40	1,300
Powell	4,600	1.80	8,300
Pulaski	30,500	2.00	61,000
Rockcastle	11,000	2.10	23,100
Rowan	5,800	1.70	9,900
Wayne	11,000	1.90	20,900
Whitley	5,000	1.50	7,500
Wolfe	3,000	1.80	5,400
Other Counties	1,100	1.40	1,500
DISTRICT 6	168,200	1.72	289,400
STATE	1,390,000	1.80	2,502,000

ALL OTHER HAY PRODUCTION



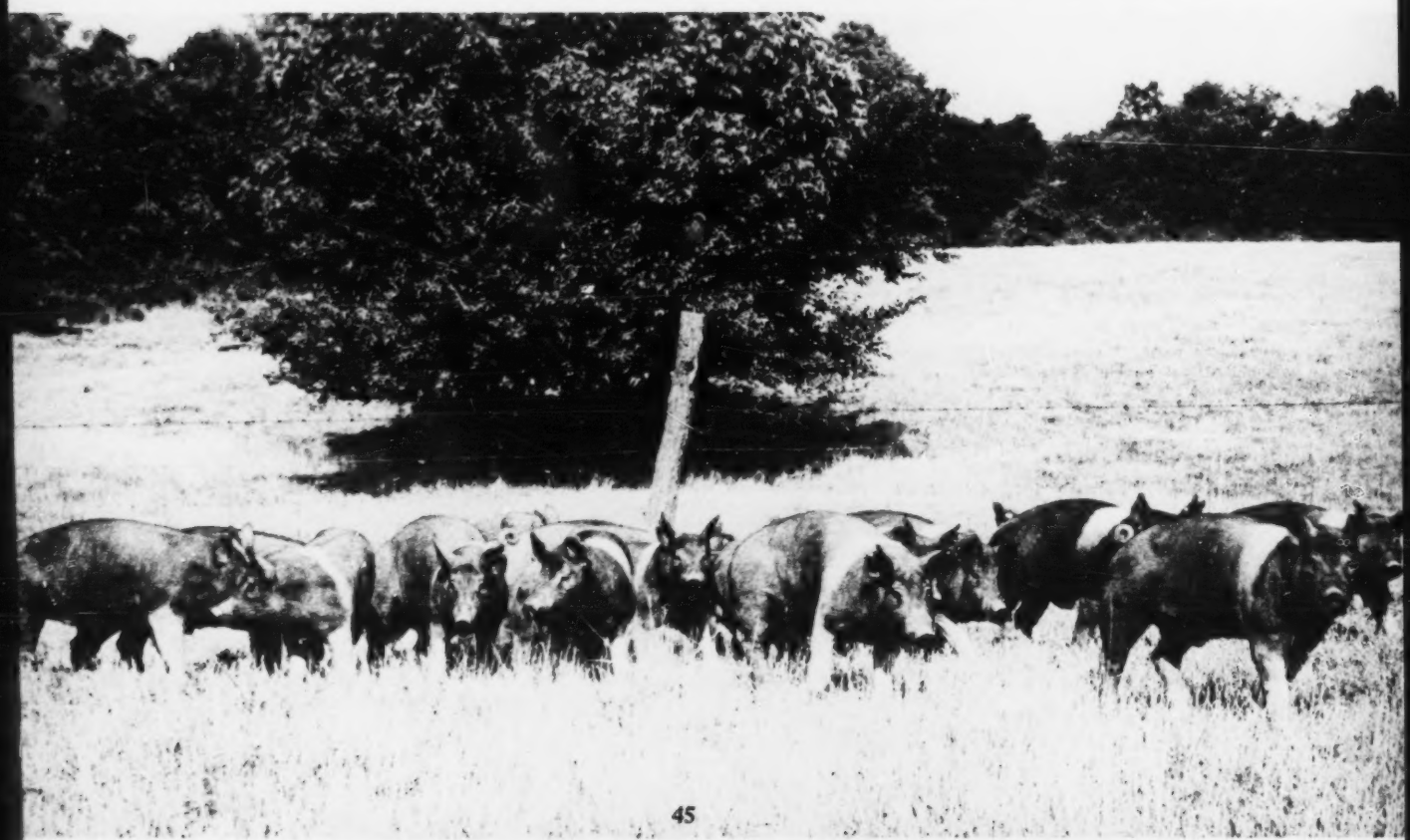
Legume and grass mixtures are a good source of other hay in Kentucky.

BEST AVAILABLE COPY

BARLEY COUNTY ESTIMATES-1979

District and County	Acres Planted	Acres Harvested	Yield Harvested Acres (Bushels)	Production (Bushels)
Other Counties	2,000	1,400	40.0	56,000
DISTRICT 1	2,000	1,400	40.0	56,000
Christian	4,000	3,500	50.0	175,000
Logan	4,500	4,100	58.0	237,800
Simpson	4,800	4,500	59.0	265,500
Todd	3,400	2,900	44.0	127,600
Other Counties	1,300	600	42.0	25,200
DISTRICT 2	18,000	15,600	53.3	831,100
Hardin	1,200	900	50.0	45,000
Meade	900	700	44.0	30,800
Warren	1,200	1,100	50.0	55,000
Other Counties	4,100	2,400	44.0	105,600
DISTRICT 3	7,400	5,100	46.4	236,400
Other Counties	1,300	900	45.0	40,500
DISTRICT 4	1,300	900	45.0	40,500
Other Counties	2,500	1,500	44.0	66,000
DISTRICT 5	2,500	1,500	44.0	66,000
Other Counties	800	500	40.0	20,000
DISTRICT 6	800	500	40.0	20,000
STATE	32,000	25,000	50.0	1,250,000

LIVESTOCK



LIVESTOCK HIGHLIGHTS

CATTLE AND CALVES

Cattle and calves on January 1, 1980 numbered 2,700,000 on Kentucky farms - up 4 percent from 2,600,000 a year ago. The January inventory is the first increase for January 1 since cattle numbers peaked at 3,750,000 head January 1, 1975. The January 1, 1980 inventory is unchanged from the previous July 1. Cows and heifers that have calved totaled 1,350,000 head on January 1 - up 1 percent from a year earlier. Beef cows totaled 1,106,000 - up 3 percent, while milk cows totaled 244,000 - down 8 percent. The 1979 calf crop totaled 1,180,000 head - down 7 percent from the 1978 crop and the smallest calf crop since 1966. The smaller calf crop resulted from the decreased inventory of cows and heifers that have calved on January 1 and July 1, 1979. The value of production for cattle and calves for 1979 totaled $485.0 million, an increase of 19 percent from 1978. Cash receipts to farmers from cattle and calf marketings totaled $455.1 million - down $118.7 million from 1978 receipts. This was a result of less cattle and calves marketed.

HOGS AND PIGS

The June 1, 1980 Kentucky hog and pig inventory was 1,270,000 head, unchanged from a year earlier. The June 1 hog numbers indicated a leveling off of hog numbers after sharply higher numbers during 1979. Breeding animals on June 1, 1980 were down 13 percent from a year earlier. The number of hogs and pigs on Kentucky farms on December 1, 1979 totaled 1,470,000 head - up 28 percent from a year earlier, the largest December 1 inventory since the 1,680,000 hogs and pigs on Kentucky farms in 1970. Prices for feeder pigs and slaughter hogs have been depressed during much of 1979 and the first half of 1980. During much of this period hog slaughter was at record or near record levels. The value of 1979 hog and pig production totaled $179.4 million, an increase of 9 percent from $164.0 million for 1978. Cash receipts to farmers from marketings of hogs and pigs totaled $157.6 million - up $7.1 million from a year earlier.

SHEEP AND LAMBS

The inventory of sheep and lambs in Kentucky on January 1, 1980 numbered 21,000 head - down 5 percent from a year earlier. The 1,000 head decrease from the preceding year is the smallest year-to-year decline since sheep and lamb numbers last peaked at 634,000 head on January 1, 1958. The 1979 Kentucky lamb crop totaled 20,000 head down 4,000 from 1978. The value of sheep and lamb production for 1979 was $836,000, up $14,000 from the 1978 value. Cash receipts from sheep and lambs marketed in 1979 totaled $824,000.

LIVESTOCK ON FARMS - JAN. 1, 1979 & 1980

Class of Livestock or Poultry	YEAR	KENTUCKY Number (000)	KENTUCKY Value Per Head (Dollars)	KENTUCKY Value Total (000)	UNITED STATES Number (000)	UNITED STATES Value Per Head (Dollars)	UNITED STATES Value Total (000)
ALL CATTLE	1979	2,600	370.00	962,000	110,864	403.00	44,661,338
AND CALVES	1980	2,700	485.00	1,309,500	110,961	502.00	55,723,774
COWS AND	1979	1,335	-	-	47,843	-	-
HEIFERS THAT	1980	1,350	-	-	47,794	-	-
HAVE CALVED 1/							
HOGS AND	1978	1,150	75.00	86,250	60,100	83.30	5,004,269
PIGS 2/	1979	1,470	52.00	76,440	67,500	56.30	3,800,250
SHEEP	1979	22	52.50	1,155	12,220	71.70	875,927
AND LAMBS	1980	21	72.00	1,512	12,513	77.90	974,142
TOTAL ALL	1979	-	-	1,049,405	-	-	50,541,534
LIVESTOCK	1980	-	-	1,387,452	-	-	60,498,166
SHOWN ABOVE							
	1978	3,500	1.75	6,125	395,769	1.75	693,766
CHICKENS 2/	1979	3,501	1.80	6,302	399,676	1.81	724,844
TOTAL ALL	1979	-	-	1,055,530	-	-	51,235,300
LIVESTOCK	1980	-	-	1,393,754	-	-	61,223,010
AND POULTRY							

1/Included in ALL CATTLE AND CALVES. 2/Number and value as of December 1.

CATTLE AND SHEEP BY CLASS JAN. 1, 1979 & 1980

CLASSES	January 1 1979 (Thousands)	January 1 1980 (Thousands)	1980 as % of 1979 (Percent)
Cows and Heifers that have Calved	1,335	1,350	101
Beef Cows	1,070	1,106	103
Milk Cows	265	244	92
Heifers 500 Pounds and Over	325	338	104
For Beef Cow Replacement	156	162	104
For Milk Cow Replacement	81	108	133
Other Heifers	88	68	77
Steers 500 Pounds and Over	213	221	104
Bulls 500 Pounds and Over	73	75	103
Heifers, Steers and Bulls Under 500 Pounds	654	716	109
TOTAL ALL CATTLE	2,600	2,700	104
Ewes 1 Year and Over	18	17	94
Ewe Lambs	2	2	100
Other Stock Sheep	2	2	100
TOTAL SHEEP AND LAMBS	22	21	95

HOG AND PIG INVENTORY BY QUARTERS KENTUCKY, 1976-1980

	1976	1977	1978	1979	1980 1/
			(Thousand Head)		
MARCH					
All hogs and pigs	950	1,020	1,020	1,190	1,330
Breeding hogs	166	173	179	214	216
Market hogs	784	847	841	976	1,114
JUNE					
All hogs and pigs	1,050	1,070	1,000	1,270	1,270
Breeding hogs	184	185	190	245	213
Market hogs	866	885	810	1,025	1,057
SEPTEMBER					
All hogs and pigs	1,075	1,120	1,080	1,450	
Breeding hogs	185	195	189	238	
Market hogs	890	925	891	1,212	
DECEMBER					
All hogs and pigs	1,080	1,140	1,150	1,470	
Breeding hogs	173	184	201	220	
Market hogs	907	956	949	1,250	

1/Preliminary.

SPRING AND FALL PIG CROPS 1974-1980

YEAR	DECEMBER - MAY (SPRING)			JUNE - NOVEMBER (FALL)		
	Sows Farrowing	Pigs Per Litter	Pigs Saved	Sows Farrowing	Pigs Per Litter	Pigs Saved
1974	150,000	7.20	1,080,000	121,000	7.10	859,000
1975	105,000	7.05	740,000	102,000	7.25	740,000
1976	116,000	7.18	833,000	121,000	7.17	867,000
1977	127,000	6.44	818,000	133,000	7.11	946,000
1978	126,000	6.22	784,000	138,000	7.20	994,000
1979	158,000	6.54	1,034,000	175,000	7.05	1,234,000
1980	155,000	6.91	1,071,000	152,000 1/		

1/Intentions.

KENTUCKY MEAT ANIMALS, 1977- 1979

CATTLE AND CALVES	1977	1978	1979 1/
		(Thousands)	
Number on Hand January 1	3,300	3,120	2,600
Calf Crop			
Calves Born	1,400	1,270	1,180
Inshipments	140	75	58
Marketings 2/			
Cattle	1,043	1,199	626
Calves	464	474	363
Farm Slaughter	18	16	7
Deaths			
Cattle	55	45	42
Calves	140	131	100
		(Thousand Pounds)	
Production 3/			
Total Cattle and Calves	899,890	859,060	712,465
Marketings 4/	1,064,990	1,206,240	672,290
		(Thousand Dollars)	
Price per 100 Pounds			
Cattle	31.60	46.60	65.10
Calves	37.00	56.00	83.00
Cash Receipts from Sales 5/	343,081	573,856	455,128
Value of Home Consumption	15,291	19,498	17,067
Gross Income	358,372	593,354	472,195

HOGS			
		(Thousands)	
Number on Hand Dec. Preceding Year	1,080	1,140	1,150
Spring Pig Crop (Dec. - May)			
Sows Farrowed	127	126	158
Pigs Saved	818	784	1,034
Fall Pig Crop (June - Nov.)			
Sows Farrowed	133	138	175
Pigs Saved	946	994	1,234
Inshipments	75	50	30
Marketings 2/	1,544	1,568	1,798
Farm Slaughter	75	70	49
Deaths	160	180	180
		(Thousand Pounds)	
Production 3/	341,632	355,012	432,280
Marketings 4/	310,820	321,650	385,590
		(Thousand Dollars)	
Price per 100 Pounds	39.10	46.20	41.50
Cash Receipts from Sales 5/	121,531	150,484	157,593
Value of Home Consumption	10,264	15,847	10,168
Gross Income	131,795	166,331	167,761

1/Preliminary 1979. 2/Includes custom slaughter for use on farms where produced and state outshipments, but excludes interfarm sales within the state. 3/Adjustments made for changes in inventory and for inshipments. 4/Excludes interfarm sales within the state and custom slaughter on farms where produced. 5/Receipts from marketings and sale of farm slaughter.

LIVESTOCK: PERCENT OF OPERATIONS AND INVENTORY BY SIZE GROUP, KENTUCKY 1978 AND 1979

CATTLE AND CALVES

Herd Size	Operations		Inventory	
	1978	1979	1978	1979
	(Percent)		(Percent)	
1-49	77.0	77.1	33.0	33.0
50-99	15.0	14.0	27.3	24.0
100-499	8.0	8.9	34.6	37.3
500+	1/	1/	5.1	5.7

1/ Combined with other size groups; less than .5 percent.

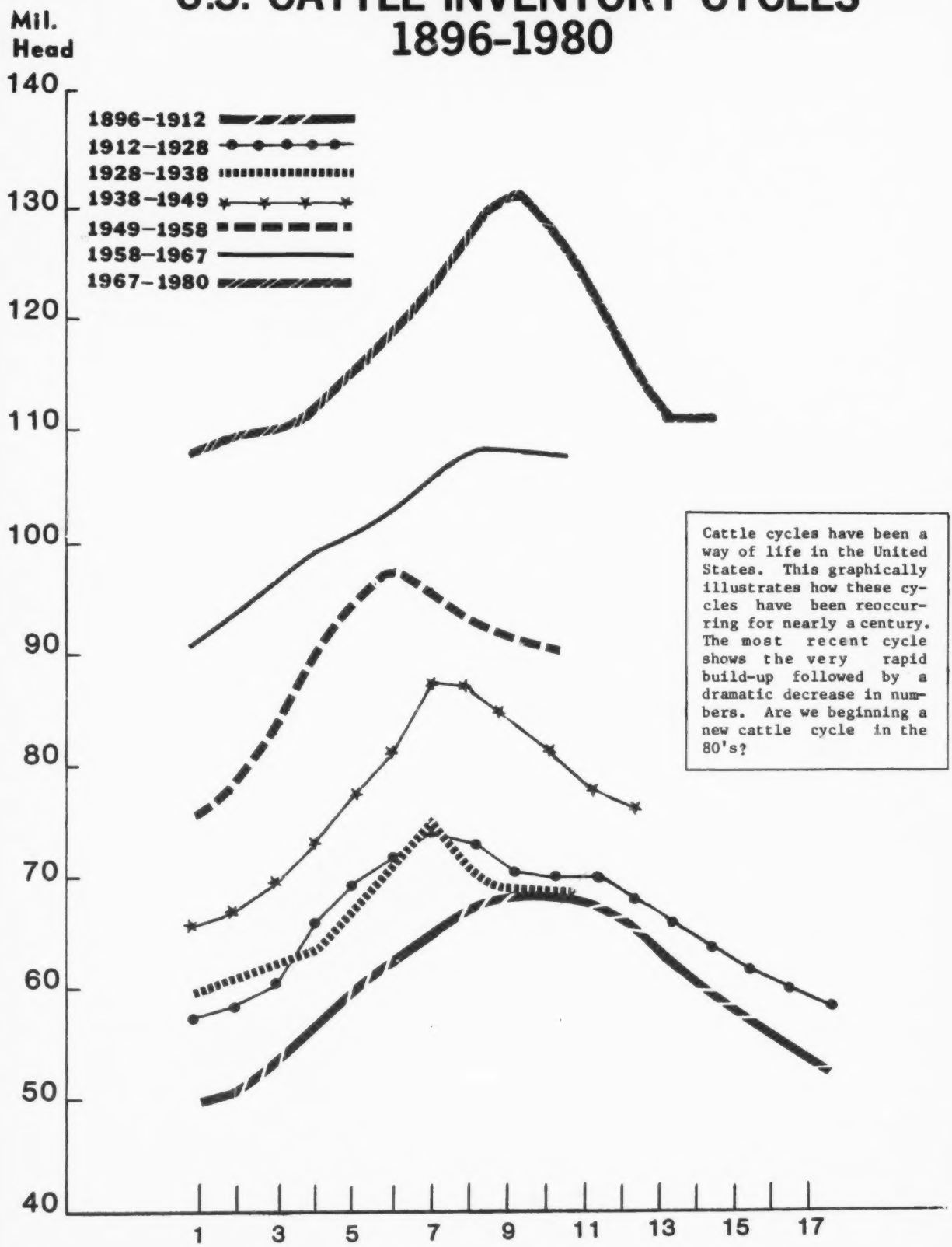
MILK COWS

Herd Size	Operations		Inventory	
	1978	1979	1978	1979
	(Percent)		(Percent)	
1-29	81.0	76.7	35.0	28.0
30-49	12.0	12.2	29.0	24.5
50-99	6.0	8.9	25.0	31.5
100+	1.0	2.2	11.0	16.0

HOGS AND PIGS

Herd Size	Operations		Inventory	
	1978	1979	1978	1979
	(Percent)		(Percent)	
1-99	92.5	92.0	38.0	38.5
100-499	6.5	6.5	35.0	33.0
500+	1.0	1.5	27.0	28.5

U.S. CATTLE INVENTORY CYCLES 1896-1980



Cattle cycles have been a way of life in the United States. This graphically illustrates how these cycles have been reoccurring for nearly a century. The most recent cycle shows the very rapid build-up followed by a dramatic decrease in numbers. Are we beginning a new cattle cycle in the 80's?

KENTUCKY LIVESTOCK SLAUGHTER - 1979

MONTH	CATTLE			CALVES		
	Number	Average Pounds Live Weight	Total Liveweight (Thousand Pounds)	Number	Average Pounds Live Weight	Total Liveweight (Thousand Pounds)
January	25,200	961	24,238	100	346	40
February	19,100	986	18,837	100	357	48
March	20,500	976	20,036	100	332	25
April	14,900	931	13,870	-	-	-
May	15,300	949	14,535	-	-	-
June	15,000	943	14,160	100	300	20
July	15,600	954	14,881	100	317	18
August	17,400	946	16,452	100	270	16
September	15,800	946	14,922	100	275	15
October	21,200	954	20,220	-	-	-
November	15,300	991	15,147	200	369	64
December	14,500	992	14,429	200	344	62
Total Commercial 1/	209,900	961	201,728	1,100	327	338
Farm Slaughter	7,000 2/			2/		
TOTAL	216,900					

1/Total may not add due to rounding. 2/Cattle and Calf "Farm Slaughter" combined.

MONTH	HOGS			SHEEP & LAMBS		
	Number	Average Pounds Live Weight	Total Liveweight (Thousand Pounds)	Number	Average Pounds Live Weight	Total Liveweight (Thousand Pounds)
January	165,800	252	41,851	700	109	71
February	143,000	251	35,945	700	109	81
March	175,300	248	43,395	800	108	87
April	152,900	253	38,631	1,000	111	114
May	167,300	251	42,000	1,100	103	116
June	151,400	256	38,830	900	106	94
July	169,400	256	43,458	1,000	103	103
August	195,800	258	50,434	1,200	102	121
September	173,800	244	42,358	800	101	81
October	229,900	250	57,522	900	103	92
November	230,200	256	58,914	700	103	70
December	191,700	259	49,719	600	104	68
Total Commercial	2,146,500	253	543,055	10,400	105	1,097
Farm Slaughter	49,000			1,000		
TOTAL	2,195,500			11,400		

NOTE: "Total Commercial" includes slaughter in Federally Inspected Plants and other slaughter plants, but excludes animals slaughtered on farms.

SLAUGHTER RANKINGS BY STATE - 1979 1/

RANK	CATTLE		CALVES		HOGS		SHEEP AND LAMBS	
	State	1,000 Head	State	1,000 Head	State	1,000 Head	State	1,000 Head
1.	Texas	5,390.9	New York	657.0	Iowa	22,882.4	Colorado	996.0
2.	Nebraska	5,085.6	Wisconsin	346.9	Illinois	7,192.8	Texas	949.6
3.	Iowa	3,234.8	Pennsylvania	248.4	Minnesota	5,346.4	California	931.0
4.	Kansas	2,784.1	Texas	244.9	Michigan	4,926.2	South Dakota	371.8
5.	Colorado	2,258.0	California	207.6	Ohio	4,812.6	Minnesota	357.8
6.	California	2,084.8	New Eng. 2/	161.2	Nebraska	4,376.6	Illinois	290.4
7.	Illinois	1,324.6	Iowa	155.9	Pa.	3,325.1	Michigan	264.1
8.	Minnesota	1,040.1	Louisiana	137.9	S. Dakota	3,232.2	Washington	226.8
9.	Wisconsin	1,023.8	Florida	116.0	Virginia	3,160.6	Iowa	158.5
10.	Missouri	785.6	Illinois	110.5	Indiana	3,021.3	Pennsylvania	157.7
11.	Pennsylvania	757.5	New Jersey	83.3	Missouri	3,016.7	New Mexico	79.9
12.	Idaho	718.8	Michigan	81.7	Tennessee	2,706.9	New York	44.2
13.	Ohio	704.3	Indiana	47.9	N. C.	2,285.5	Delaware	30.1
14.	Washington	650.6	Georgia	36.2	Wisconsin	2,177.8	Oregon	26.0
15.	South Dakota	552.0	Tennessee	31.8	Kentucky	2,146.5	Utah	22.9
16.	Oklahoma	535.8	S. Carolina	29.7	Georgia	2,088.0	Ohio	17.7
17.	New Mexico	506.8	Washington	26.9	Miss.	1,864.8	New Jersey	14.6
18.	Michigan	474.9	Delaware	18.6	Calif.	1,731.3	Missouri	13.6
19.	Florida	386.7	Mississippi	17.0	Kansas	1,405.1	Kentucky	10.4
20.	Indiana	363.3	Virginia	17.0	Texas	1,348.4	New Eng. 2/	10.2
21.	Arizona	264.7	Missouri	8.2	Oklahoma	1,069.9	Indiana	7.0
22.	Georgia	259.8	Oklahoma	7.1	Alabama	652.0	Wisconsin	5.5
23.	Tennessee	254.4	Minnesota	5.9	Washington	610.2	Idaho	4.8
24.	New York	245.9	Ohio	5.9	Colorado	483.5	Kansas	3.7
25.	Kentucky	209.9	Oregon	4.9	Montana	461.8	Louisiana	3.4
26.	Mississippi	182.6	Alabama	3.3	S. Carolina	452.3	Virginia	2.7
27.	Alabama	179.4	Arkansas	3.2	Delaware	370.9	Montana	2.3
28.	Utah	173.2	Arizona	2.5	New York	339.0	Oklahoma	2.3
29.	Montana	150.7	North Carolina	2.5	New Jersey	235.6	Nevada	2.1
30.	Arkansas	147.8	Kentucky	1.0	Arkansas	235.3	Wyoming	1.8
31.	Oregon	130.2	Kansas	.5	Arizona	225.9	Arizona	1.7
32.	New Eng. 2/	112.7	Montana	.4	Louisiana	199.3	Nebraska	1.5
33.	New Jersey	106.2	West Virginia	.4	Oregon	163.1	Tennessee	1.4
34.	Louisiana	106.0	Idaho	.3	Florida	133.1	North Dakota	.7
35.	N. Carolina	95.7	North Dakota	.3	Utah	122.2	West Virginia	.7
36.	S. Carolina	85.0	Colorado	.2	Idaho	92.7	Arkansas	.6
37.	Virginia	78.9	South Dakota	.2	New Eng. 2/	53.3	Florida	.5
38.	Delaware	63.0	Utah	.2	Hawaii	39.4	North Carolina	.5
39.	North Dakota	57.3	Nebraska	.1	New Mexico	35.7	Georgia	.3
40.	Hawaii	54.0	Wyoming	.1	W. Virginia	32.3	Alabama	.2
41.	W. Virginia	34.7			North Dakota	27.4	South Carolina	.1
42.	Wyomina	15.5			Wyoming	12.5		
43.	Nevada	7.0			Nevada	4.3		
UNITED STATES 3/		33,677.6		2,823.9		89,099.1		5,017.1

1/Includes slaughter in federally inspected and in other slaughter plants, but excludes animals slaughtered on farms.

2/New England includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

3/States not listed are included in U. S. totals.

LIVESTOCK RANKINGS BY STATE-JAN. 1, 1980

RANK	ALL CATTLE AND CALVES		COWS AND HEIFERS THAT HAVE CALVED			
			Beef Cows		Milk Cows	
	State	1,000 Head	State	1,000 Head	State	1,000 Head
1.	Texas	13,200	Texas	5,585	Wisconsin	1,813
2.	Iowa	7,150	Missouri	2,270	New York	912
3.	Nebraska	6,400	Oklahoma	2,160	California	878
4.	Kansas	6,100	Nebraska	1,950	Minnesota	860
5.	Oklahoma	5,500	Iowa	1,746	Pennsylvania	712
6.	Missouri	5,350	Kansas	1,714	Michigan	400
7.	California	4,550	South Dakota	1,520	Ohio	380
8.	Wisconsin	4,280	Montana	1,427	Iowa	372
9.	South Dakota	4,010	Florida	1,173	Texas	315
10.	Minnesota	3,750	Kentucky	1,106	Missouri	270
11.	Colorado	2,975	Arkansas	1,042	Kentucky	244
12.	Kentucky	2,700	North Dakota	962	Illinois	235
13.	Illinois	2,700	Tennessee	948	Tennessee	214
14.	Montana	2,645	Mississippi	901	Indiana	200
15.	Florida	2,300	California	869	Washington	195
16.	Tennessee	2,300	Colorado	853	Vermont	187
17.	Arkansas	2,000	Alabama	843	Florida	184
18.	North Dakota	2,000	Georgia	750	Virginia	170
19.	Ohio	1,925	Virginia	710	South Dakota	165
20.	Pennsylvania	1,900	Illinois	699	Idaho	142
21.	Idaho	1,860	Louisiana	674	North Carolina	141
22.	Indiana	1,850	Idaho	648	Maryland	130
23.	Mississippi	1,810	Oregon	646	Georgia	127
24.	New York	1,780	New Mexico	630	Kansas	122
25.	Virginia	1,750	Wyoming	621	Nebraska	120
26.	Alabama	1,730	Minnesota	560	Louisiana	116
27.	Georgia	1,600	Indiana	515	Oklahoma	110
28.	New Mexico	1,600	Ohio	430	Mississippi	99
29.	Washington	1,579	North Carolina	404	Oregon	94
30.	Oregon	1,510	Washington	383	North Dakota	93
31.	Wyoming	1,340	Utah	303	Arkansas	88
32.	Michigan	1,310	Nevada	295	Alabama	76
33.	Louisiana	1,300	South Carolina	284	Utah	75
34.	N. Carolina	1,080	Arizona	258	Arizona	72
35.	Arizona	1,050	Wisconsin	248	Colorado	72
36.	Utah	840	West Virginia	241	Maine	57
37.	South Carolina	625	Pennsylvania	175	South Carolina	50
38.	Nevada	580	Michigan	140	Connecticut	49
39.	West Virginia	545	New York	85	Massachusetts	44
40.	Maryland	380	Hawaii	83	New Jersey	41
41.	Vermont	340	Maryland	65	West Virginia	37
42.	Hawaii	213	Vermont	13	New Mexico	35
43.	Maine	131	Maine	12	New Hampshire	30
44.	Connecticut	104	New Jersey	12	Montana	28
45.	Massachusetts	103	Massachusetts	10	Nevada	15
46.	New Jersey	100	Rhode Island	10	Hawaii	13
47.	Alaska	84	Connecticut	8	Delaware	12
48.	New Hampshire	70	New Hampshire	6	Wyoming	11
49.	Delaware	30	Delaware	3	Rhode Island	4
50.	Rhode Island	8	Alaska	2.2	Alaska	1.1
UNITED STATES 1/		110,961		36,983		10,810

1/Totals may not add due to rounding.

LIVESTOCK RANKINGS BY STATE-JAN. 1, 1980

RANK	ALL HOGS 1/ State	1,000 Head	ALL CHICKENS 1/ 2/ State	1,000 Head	ALL SHEEP & LAMBS 3/ State	1,000 Head
1.	Iowa	16,200	California	45,510	Texas	2,400
2.	Illinois	6,950	Georgia	36,200	California	1,175
3.	Indiana	5,050	Arkansas	27,000	Wyoming	1,050
4.	Minnesota	4,900	Alabama	22,000	Colorado	870
5.	Missouri	4,650	Pennsylvania	20,930	South Dakota	783
6.	Nebraska	4,150	N. Carolina	20,800	New Mexico	660
7.	N. Carolina	2,650	Indiana	20,500	Utah	507
8.	Georgia	2,360	Florida	18,543	Montana	494
9.	Ohio	2,120	Texas	17,500	Oregon	480
10.	Kansas	2,070	Minnesota	12,500	Idaho	468
11.	South Dakota	2,000	Ohio	11,600	Iowa	408
12.	Wisconsin	1,830	Maine	11,250	Arizona	400
13.	Kentucky	1,470	Mississippi	10,550	Ohio	320
14.	Tennessee	1,400	New York	10,200	Minnesota	264
15.	Michigan	960	S. Carolina	9,770	North Dakota	236
16.	Texas	910	Iowa	9,600	Kansas	235
17.	Alabama	880	Michigan	8,000	Nebraska	210
18.	Pennsylvania	870	Missouri	7,720	Illinois	190
19.	Virginia	850	Illinois	6,950	Indiana	165
20.	South Carolina	650	Washington	6,033	Virginia	160
21.	Arkansas	600	Virginia	5,882	Michigan	132
22.	Mississippi	440	Connecticut	5,871	Missouri	123
23.	Colorado	430	Tennessee	5,400	Nevada	122
24.	Florida	425	Wisconsin	5,400	West Virginia	113
25.	North Dakota	370	Oklahoma	4,400	Wisconsin	113
26.	Oklahoma	370	Nebraska	3,930	Oklahoma	93
27.	Maryland	235	Kentucky	3,501	Pennsylvania	85
28.	Montana	209	Louisiana	3,500	New York	65
29.	California	180	Oregon	3,200	Washington	65
30.	Louisiana	150	South Dakota	2,850	Kentucky	21
31.	Arizona	149	Kansas	2,470	Maryland	20
32.	New York	139	Colorado	2,300	Maine	13
33.	Maine	130	New Mexico	2,190	Louisiana	12
34.	Washington	126	Maryland	2,150	Tennessee	12
35.	Oregon	115	Utah	2,000	New Jersey	9.3
36.	Idaho	110	Massachusetts	1,726	Vermont	8.2
37.	Nevada	90	New Jersey	1,555	North Carolina	7.5
38.	New Mexico	87	Hawaii	1,306	Massachusetts	7.1
39.	Massachusetts	60	New Hampshire	1,277	New Hampshire	7.0
40.	New Jersey	57	Idaho	1,023	Connecticut	5.2
41.	West Virginia	56	West Virginia	940	Alaska	4.3
42.	Utah	55	Montana	890		
43.	Hawaii	53	Delaware	850		
44.	Delaware	50	Vermont	570		
45.	Wyoming	32	Arizona	469		
46.	Connecticut	11	North Dakota	430		
47.	New Hampshire	9.9	Rhode Island	332		
48.	Rhode Island	9.9	Wyoming	70		
49.	Vermont	8.5	Alaska	25		
50.	Alaska	1.1	Nevada	13		
UNITED STATES 4/		67,500		399,676		12,512.6

1/December 1 preceding year. 2/Excludes commercial broilers. 3/Estimates discontinued for states not listed. 4/Totals may not add due to rounding.

CHICKENS AND EGGS PRODUCTION, DISPOSITION AND INCOME, 1970-1979 1/

CHICKENS

YEAR	PRODUCTION AND DISPOSITION OF CHICKENS						INCOME FROM CHICKENS		
	All Chickens on Hand December 1 Previous Year	Placed During Year	Death Loss During Year	Home Consumption	Sold During Year	All Chickens on Hand December 1 Current Year	Cash Receipts	Value of Home Consumption	Gross Income
	(Thousand Head)						(Thousand Dollars)		
1970	3,608	3,179	586	854	1,873	3,474	1,041	285	1,326
1971	3,474	3,011	575	775	1,800	3,335	955	253	1,208
1972	3,335	3,200	545	700	1,690	3,600	820	222	1,042
1973	3,600	3,100	500	650	1,950	3,600	1,299	308	1,607
1974	3,600	3,100	550	650	2,200	3,300	1,079	227	1,306
1975	3,300	3,000	500	600	2,200	3,000	911	177	1,088
1976	3,000	3,800	525	625	2,350	3,300	1,109	236	1,345
1977	3,300	3,750	620	680	2,250	3,500	1,026	261	1,287
1978	3,500	3,320	600	620	2,100	3,500	762	218	980
1979	3,500	3,100	600	600	1,899	3,501	889	250	1,139

1/Annual estimates cover the period December 1 previous year through November 30.

EGGS

YEAR	PRODUCTION AND DISPOSITION			INCOME			
	Eggs Produced	Consumed on Farms	Eggs Sold	Price per Dozen	Cash Receipts	Value of Home Consumption	Gross Income
	(Millions)			(Cents)	(Thousand Dollars)		
1970	572	45	527	37.9	16,644	1,421	18,065
1971	566	34	532	30.0	13,300	850	14,150
1972	537	29	508	29.0	12,277	701	12,978
1973	515	27	488	50.6	20,577	1,139	21,716
1974	527	27	500	51.9	21,625	1,168	22,793
1975	518	26	492	49.1	20,131	1,064	21,195
1976	541	25	516	54.2	23,306	1,129	24,435
1977	566	23	543	50.6	22,897	970	23,867
1978	553	22	531	47.7	21,575	875	22,450
1979	583	22	561	55.0	25,692	1,008	26,700

1/Annual estimates cover the period December 1 previous year through November 30.

FEEDER PIG PRICES, 1965 - 1980

YEAR	January	April	July	October	January	April	July	October
	(Dollars per 100 pounds)				(Dollars per Head)			
1965	21.80	24.90	28.50	31.20	10.50	11.80	13.50	15.00
1966	41.50	40.00	35.50	32.00	19.50	18.50	16.50	15.00
1967	29.00	27.00	29.00	28.50	13.70	13.00	14.00	13.40
1968	26.50	30.00	29.50	29.50	12.50	13.50	13.90	13.50
1969	27.40	32.00	36.00	38.50	12.60	14.40	16.20	16.90
1970	41.70	55.00	40.00	25.00	18.35	22.55	18.00	11.30
1971	16.00	21.30	24.70	30.00	7.65	9.60	11.40	13.20
1972	47.00	42.50	47.85	46.40	22.00	19.55	21.50	21.80
1973	52.00	64.30	75.00	65.00	23.40	27.60	32.20	30.60
1974	61.00	53.30	40.00	42.50	28.10	25.10	18.40	19.10
1975	45.00	69.00	84.00	95.00	21.20	31.05	37.80	43.70
1976	80.00	93.00	69.50	52.50	37.60	38.30	32.00	24.60
1977	52.00	71.00	78.50	69.50	24.40	32.00	35.50	31.50
1978	65.00	89.00	79.50	96.50	29.90	40.00	37.40	42.50
1/	February	May	August	November	February	May	August	November
1979	100.00	81.00	43.00	39.00	50.00	34.00	26.00	21.00
1980	43.00	39.50			25.00	21.00		

1/ In 1979 months were changed for reporting feeder pig prices.

Feeder pigs are important source of income to supplier as well as source for finishing operations.

CATTLE AND CALVES COUNTY ESTIMATES JANUARY 1, 1979 AND 1980

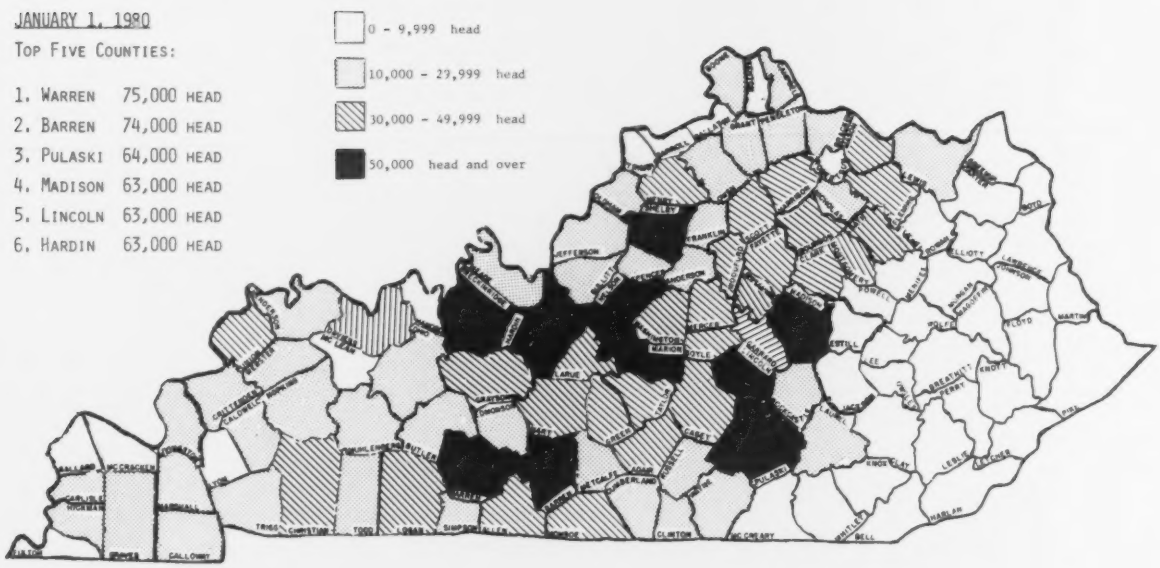
District and County	January 1 1979 (Number)	January 1 1980 (Number)	District and County	January 1 1979 (Number)	January 1 1980 (Number)
Ballard	10,000	8,000	Anderson	17,000	17,500
Calloway	15,000	14,000	Bath	29,000	31,000
Carlisle	10,500	10,000	Bourbon	46,000	49,000
Fulton	7,000	7,000	Boyle	36,000	37,000
Graves	22,500	20,000	Clark	36,000	40,000
Hickman	12,000	11,000	Fayette	33,000	36,000
Livingston	23,000	25,000	Fleming	45,000	48,000
Lyon	7,000	6,500	Franklin	20,000	21,000
McCracken	7,500	8,000	Garrard	42,000	42,000
Marshall	12,000	11,500	Harrison	38,000	39,000
Trigg	17,500	19,000	Jessamine	26,000	31,000
DISTRICT 1	144,000	140,000	Lincoln	58,500	63,000
			Madison	61,000	63,000
Caldwell	20,000	20,000	Mason	31,000	33,000
Christian	41,500	40,000	Mercer	40,000	43,000
Crittenden	22,000	20,000	Montgomery	32,500	34,000
Daviess	28,500	30,000	Nicholas	22,000	26,000
Hancock	8,000	7,000	Robertson	6,000	6,500
Henderson	21,000	22,000	Scott	38,500	40,000
Hopkins	15,000	13,000	Shelby	57,500	59,000
Logan	45,000	47,000	Spencer	18,000	19,000
McLean	7,000	8,000	Washington	47,000	49,000
Muhlenberg	16,000	17,000	Woodford	36,000	37,000
Ohio	19,000	20,000	DISTRICT 5	816,000	864,000
Simpson	20,000	19,000			
Todd	26,500	25,000	Bell	600	600
Union	31,000	33,000	Boyd	4,000	4,500
Webster	15,500	15,000	Breathitt	1,500	1,500
DISTRICT 2	336,000	336,000	Carter	8,400	9,000
			Clay	5,300	5,000
Adair	40,000	41,000	Elliott	7,000	6,500
Allen	37,000	38,000	Estill	9,200	9,400
Barren	70,500	74,000	Floyd	1,200	1,100
Breckinridge	53,000	55,000	Greenup	7,500	8,000
Bullitt	15,000	14,000	Harlan	800	800
Butler	17,000	18,000	Jackson	9,600	9,600
Casey	40,000	42,000	Johnson	1,300	1,500
Clinton	19,000	19,000	Knott	500	800
Cumberland	17,000	18,000	Knox	5,000	5,000
Edmonson	13,000	14,000	Laurel	22,000	23,000
Grayson	41,000	42,000	Lawrence	5,300	5,000
Green	32,500	36,000	Lee	1,500	2,000
Hardin	58,000	63,000	Leslie	200	200
Hart	41,000	41,000	Letcher	400	500
Jefferson	19,000	20,000	Lewis	17,000	17,500
Larue	33,000	32,000	McCreary	1,200	1,400
Marion	50,000	55,000	Magoffin	2,000	1,800
Meade	25,000	24,000	Martin	600	600
Metcalfe	26,000	29,000	Menifee	4,000	5,000
Monroe	35,000	37,000	Morgan	8,000	7,500
Nelson	53,000	54,000	Owsley	1,300	1,400
Russell	25,000	24,000	Perry	400	500
Taylor	33,000	35,000	Pike	700	800
Warren	70,000	75,000	Powell	3,800	4,000
DISTRICT 3	863,000	900,000	Pulaski	60,000	64,000
			Rockcastle	19,500	21,000
Boone	20,000	20,000	Rowan	4,800	5,000
Bracken	16,000	15,000	Wayne	23,000	27,000
Campbell	10,000	10,000	Whitley	5,000	5,000
Carroll	9,000	9,500	Wolfe	3,400	3,500
Gallatin	7,300	7,500	DISTRICT 6	246,000	260,000
Grant	19,000	19,000			
Henry	32,000	35,000			
Kenton	9,000	8,000	STATE	2,600,000	2,700,000
Oldham	18,000	20,000			
Owen	23,000	24,000			
Pendleton	22,500	23,000			
Trimble	9,200	9,000			
DISTRICT 4	195,000	200,000			

CATTLE AND CALVES

JANUARY 1, 1990

TOP FIVE COUNTIES:

1. WARREN 75,000 HEAD
2. BARREN 74,000 HEAD
3. PULASKI 64,000 HEAD
4. MADISON 63,000 HEAD
5. LINCOLN 63,000 HEAD
6. HARDIN 63,000 HEAD



Cattle and calves numbers peaked in 1975, then declined sharply.

BEST AVAILABLE COPY

BEEF COWS COUNTY ESTIMATES JANUARY 1, 1979 AND 1980

District and County	January 1 1979 (Number)	January 1 1980 (Number)	District and County	January 1 1979 (Number)	January 1 1980 (Number)
Ballard	4,000	4,000	Anderson	6,100	6,400
Calloway	6,800	6,300	Bath	13,000	14,000
Carlisle	4,300	4,200	Bourbon	20,000	20,800
Fulton	3,300	3,300	Boyle	15,500	16,000
Graves	9,800	9,100	Clark	15,000	16,400
Hickman	4,700	4,300	Fayette	16,500	18,200
Livingston	10,000	10,700	Fleming	16,500	17,500
Lyon	3,500	3,200	Franklin	9,500	10,000
McCracken	3,300	3,500	Garrard	17,500	17,500
Marshall	6,000	5,600	Harrison	18,000	19,000
Trigg	9,300	9,800	Jessamine	11,000	11,900
DISTRICT 1	65,000	64,000	Lincoln	21,000	22,700
			Madison	25,000	25,800
Caldwell	9,000	9,200	Mason	11,000	11,800
Christian	20,500	18,500	Mercer	14,500	15,000
Crittenden	11,500	10,500	Montgomery	14,000	14,600
Daviess	12,000	12,600	Nicholas	9,600	10,000
Hancock	3,800	3,500	Robertson	2,300	2,400
Henderson	10,000	9,500	Scott	18,000	18,000
Hopkins	7,000	6,500	Shelby	14,000	14,500
Logan	18,500	19,000	Spencer	4,500	4,800
McLean	3,300	3,500	Washington	17,000	17,500
Muhlenberg	8,000	7,900	Woodford	16,000	17,200
Ohio	9,200	10,000	DISTRICT 5	325,500	342,000
Simpson	7,400	7,000			
Todd	11,000	10,500	Bell	*	*
Union	12,500	12,900	Boyd	1,700	1,900
Webster	7,300	6,900	Breathitt	500	500
DISTRICT 2	151,000	148,000	Carter	3,400	3,800
			Clay	1,800	1,600
Adair	14,000	14,600	Elliott	2,800	2,800
Allen	18,500	18,300	Estill	4,000	4,100
Barren	26,500	29,000	Floyd	*	*
Breckinridge	25,500	27,300	Greenup	3,000	3,300
Bullitt	5,900	5,400	Harlan	*	*
Butler	8,200	8,500	Jackson	3,500	3,500
Casey	17,000	17,700	Johnson	600	700
Clinton	9,200	9,200	Knott	*	*
Cumberland	8,300	9,000	Knox	1,600	1,800
Edmonson	5,400	5,600	Laurel	8,400	8,800
Grayson	16,500	18,000	Lawrence	2,500	2,800
Green	13,500	14,600	Lee	600	700
Hardin	24,000	25,000	Leslie	*	*
Hart	14,000	14,500	Letcher	*	*
Jefferson	7,000	7,400	Lewis	5,500	6,000
Larue	13,000	12,000	McCreary	*	*
Marion	19,000	20,500	Magoffin	700	600
Meade	11,500	10,900	Martin	*	*
Metcalfe	8,500	9,200	Menifee	1,500	1,500
Monroe	14,500	15,000	Morgan	3,300	3,600
Nelson	18,000	18,500	Owsley	500	500
Russell	10,500	10,000	Perry	*	*
Taylor	13,500	13,600	Pike	*	*
Warren	32,000	34,000	Powell	1,800	1,900
DISTRICT 3	354,000	368,000	Pulaski	25,000	26,500
			Rockcastle	8,000	8,500
Boone	9,000	9,000	Rowan	2,000	2,100
Bracken	5,000	4,900	Wayne	10,000	12,000
Campbell	3,200	3,300	Whitley	2,200	2,300
Carroll	4,200	4,500	Wolfe	1,500	1,500
Gallatin	2,500	2,600	Other Counties	2,600	2,700
Grant	7,400	7,500	DISTRICT 6	99,000	106,000
Henry	11,500	12,500			
Kenton	4,000	3,600			
Oldham	6,300	6,900	STATE	1,070,000	1,106,000
Owen	9,900	10,400			
Pendleton	9,000	9,400			
Trimble	3,500	3,400			
DISTRICT 4	75,500	78,000			

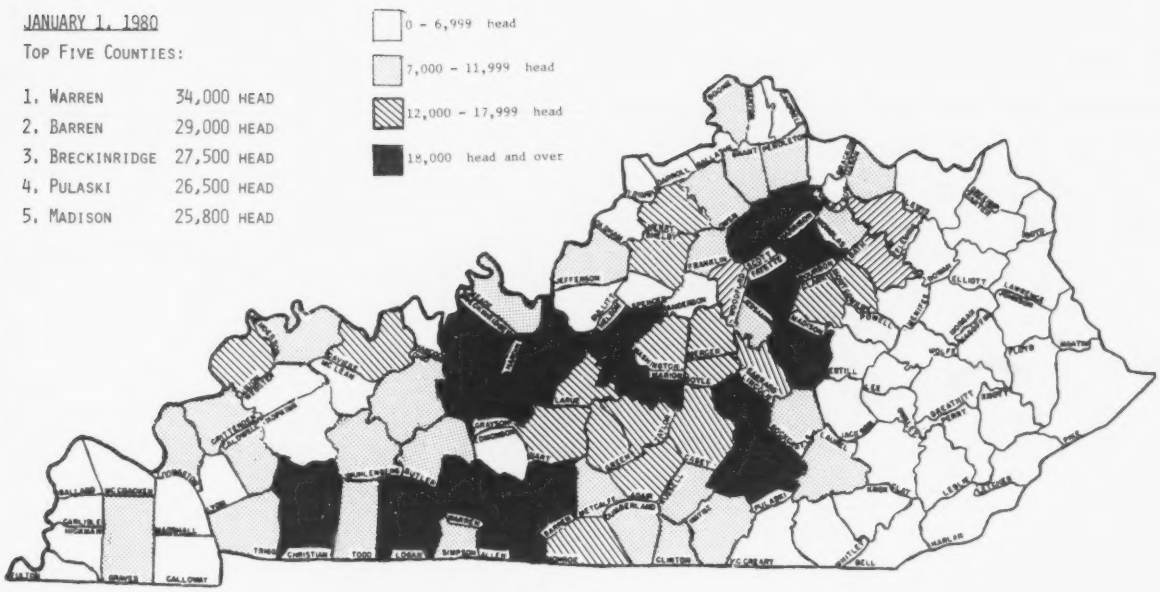
*Less than 500 head. Included in "Other Counties".

BEEF COWS

JANUARY 1, 1980

TOP FIVE COUNTIES:

1.	WARREN	34,000 HEAD
2.	BARREN	29,000 HEAD
3.	BRECKINRIDGE	27,500 HEAD
4.	PULASKI	26,500 HEAD
5.	MADISON	25,800 HEAD



Beef cow inventory beginning to build in 1980.

BEST AVAILABLE COPY

HOGS AND PIGS COUNTY ESTIMATES DECEMBER 1, 1978 AND 1979

District and County	December 1 1978 (Number)	December 1 1979 1/ (Number)	District and County	December 1 1978 (Number)	December 1 1979 1/ (Number)
Ballard	14,500	16,500	Anderson	800	1,500
Calloway	10,500	13,500	Bath	2,100	3,000
Carlisle	9,300	11,500	Bourbon	11,000	15,000
Fulton	11,000	11,500	Boyle	4,600	5,100
Graves	35,500	42,500	Clark	8,000	8,600
Hickman	12,500	14,500	Fayette	5,500	8,000
Livingston	11,000	12,000	Fleming	7,000	7,800
Lyon	11,500	12,500	Franklin	1,500	2,500
McCracken	4,700	6,500	Garrard	8,500	9,000
Marshall	11,000	13,000	Harrison	15,000	16,000
Trigg	23,500	30,000	Jessamine	7,000	7,500
DISTRICT 1	155,000	184,000	Lincoln	12,000	14,500
			Madison	8,500	9,300
Caldwell	22,000	29,000	Mason	7,000	8,000
Christian	53,000	64,000	Mercer	7,000	8,000
Crittenden	12,500	15,000	Montgomery	2,300	3,500
Daviess	26,000	28,000	Nicholas	2,200	2,600
Hancock	2,000	4,500	Robertson	200	400
Henderson	27,000	31,000	Scott	5,400	5,700
Hopkins	14,500	17,000	Shelby	16,000	18,000
Logan	35,500	42,000	Spencer	1,900	2,500
McLean	17,000	20,500	Washington	8,500	8,500
Muhlenberg	13,500	17,000	Woodford	4,000	5,000
Ohio	14,000	17,000	DISTRICT 5	146,000	170,000
Simpson	14,000	19,000			
Todd	17,500	21,500	Bell	300	600
Union	105,000	125,500	Boyd	300	300
Webster	23,500	25,000	Breathitt	1,200	1,300
DISTRICT 2	397,000	476,000	Carter	600	1,000
			Clay	2,200	3,500
Adair	7,300	10,000	Elliott	400	500
Allen	10,000	13,000	Estill	2,900	3,000
Barren	14,000	19,500	Floyd	500	800
Breckinridge	24,000	31,000	Greenup	700	700
Bullitt	7,200	8,500	Harlan	200	200
Butler	14,000	19,000	Jackson	1,500	1,800
Casey	8,000	9,500	Johnson	300	400
Clinton	10,500	13,000	Knott	900	900
Cumberland	5,400	7,000	Knox	1,100	1,100
Edmonson	5,000	8,000	Laurel	1,500	1,700
Grayson	21,500	27,000	Lawrence	800	800
Green	9,600	11,500	Lee	1,100	1,500
Hardin	30,000	40,000	Leslie	200	200
Hart	7,400	9,000	Letcher	400	500
Jefferson	4,400	5,500	Lewis	1,000	1,800
Larue	15,000	17,000	McCreary	300	500
Marion	18,000	25,000	Magoffin	400	600
Meade	17,000	22,000	Martin	300	300
Metcalfe	5,700	8,500	Menifee	200	500
Monroe	13,500	17,000	Morgan	1,400	1,500
Nelson	23,500	30,000	Owsley	700	1,000
Russell	8,500	10,000	Perry	800	800
Taylor	10,000	14,000	Pike	400	800
Warren	43,500	55,000	Powell	3,800	3,800
DISTRICT 3	333,000	430,000	Pulaski	9,200	12,500
			Rockcastle	3,000	3,000
Boone	8,900	10,000	Rowan	800	800
Bracken	600	700	Wayne	33,500	35,000
Campbell	700	1,000	Whitley	4,000	5,000
Carroll	800	1,100	Wolfe	1,100	1,300
Gallatin	1,000	1,100	DISTRICT 6	78,000	90,000
Grant	3,800	5,000			
Henry	10,500	12,500			
Kenton	1,100	1,400	STATE	1,150,000	1,400,000
Oldham	7,400	9,100			
Owen	1,200	1,700			
Pendleton	1,800	2,400			
Trimble	3,200	4,000			
DISTRICT 4	41,000	50,000			

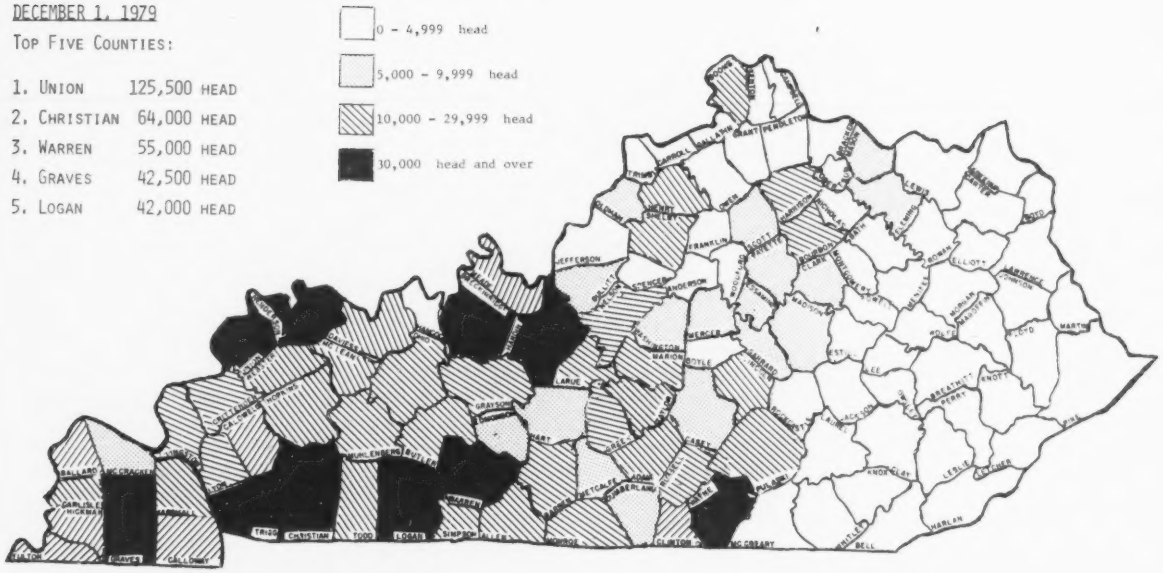
1/December 1, 1979 Kentucky Hog and Pig Number on Farms has been revised to 1,470,000. Revised county estimates will be published in the 1980-81 bulletin.

HOGS AND PIGS

DECEMBER 1, 1979

TOP FIVE COUNTIES:

1. UNION 125,500 HEAD
2. CHRISTIAN 64,000 HEAD
3. WARREN 55,000 HEAD
4. GRAVES 42,500 HEAD
5. LOGAN 42,000 HEAD



The foundation of most hog operations in Kentucky is the breeding herd.

BEST AVAILABLE COPY

SHEEP AND LAMBS DISTRICT ESTIMATES 1979

Districts	All Sheep and Lambs on Farms End of Year 1979	Sheep Shorn 1979	Wool Production 1979	Wool Value 1/ 1979
	(Number)	(Number)	(Pounds)	(Dollars)
District 1	1,000	1,000	7,300	5,200
District 2	1,400	1,400	10,900	7,700
District 3	1,200	1,200	8,400	5,900
District 4	3,400	3,400	23,500	16,600
District 5	13,500	13,500	97,400	69,100
District 6	500	500	3,500	2,500
STATE	21,000	21,000	151,000	107,000

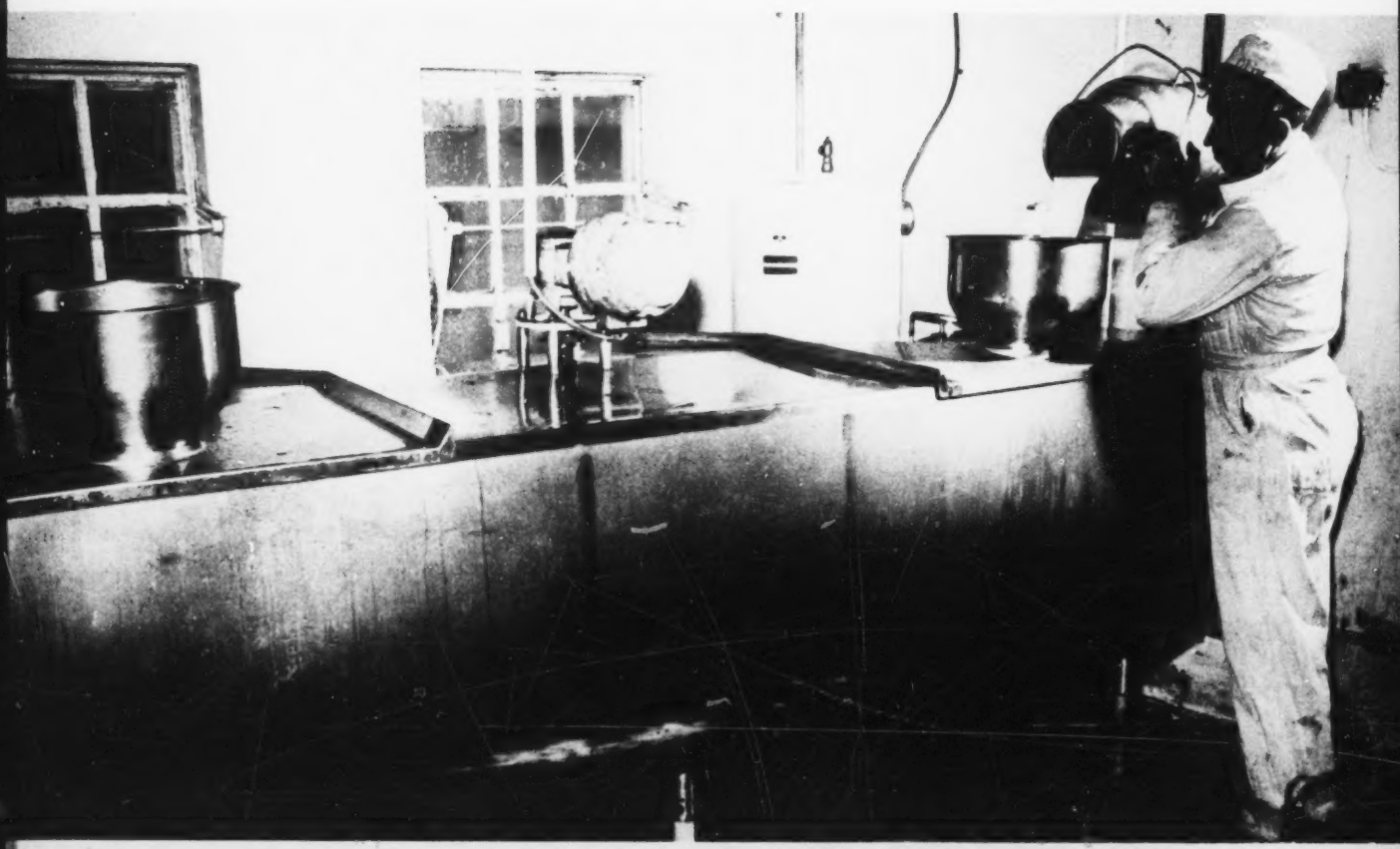
1/ Wool value based on average local market price and does not include incentive payment.

LAYER AND EGG PRODUCTION DISTRICT ESTIMATES - 1978 AND 1979 1/

DISTRICTS	Average Number of Layers		Eggs Per Layer 2/		Total Egg Production	
	1978	1979	1978	1979	1978	1979
	(Thousands)		(Number)		(Thousands)	
District 1	83	60	230	237	19,090	14,220
District 2	914	915	230	235	210,220	215,075
District 3	302	240	225	227	67,950	54,480
District 4	80	75	224	231	17,920	17,325
District 5	195	310	231	230	45,050	71,300
District 6	875	906	220	232	192,770	210,600
STATE	2,449	2,506	226	233	553,000	583,000

1/Annual estimates cover the period December 1 previous year thru November 30.
2/Total egg production divided by average number of layers on hand.

DAIRY



DAIRY HIGHLIGHTS

Kentucky's decreasing milk cow numbers more than offset an increased production per cow, resulting in a smaller production for 1979 than in 1978. Total milk produced during 1979 was 2.22 billion pounds, down 2 percent from a year earlier. Value of all milk produced in Kentucky totaled $263 million, up 12 percent from a year earlier.

The average number of milk cows on Kentucky farms during 1979 was 255,000 head, down 5 percent from 1978. The average output per cow was 8,706 pounds, up 3 percent from 1978. Number of farms with milk cows in Kentucky averaged 14,000 during 1979, down 3,000 from 1978.

Kentucky's dairy farmers marketed 2.1 billion pounds of milk in 1979, a decrease of 2 percent from 1978 marketings. Milk sold to plants and dealers and directly to consumers accounted for 94.5 percent of the State's milk production. Milk for household use and fed to calves on farms where produced, accounted for the remainder of the total milk production.

The 2.09 billion pounds of milk sold to plants and dealers consisted of 81 percent Grade A and 19 percent manufactured grade milk. Fluid milk, Grade A, deliveries totaled 1.69 billion pounds for 1979, up 1 percent from the 1.66 billion delivered in 1978. Manufactured grade milk deliveries were down 11 percent from 1978. Deliveries in 1979 totaled 405 million pounds compared to 453 million for 1978.

MILK USED AND MARKETED BY KENTUCKY FARMERS, 1969 - 1979

YEAR	MILK USED ON FARMS WHERE PRODUCED			MILK MARKETED BY FARMERS				MILK USED ON FARMS AND MARKETED
				Sold to Plants and Dealers 2/		Sold Directly		
	Fed to Calves 1/	Used for Milk Cream and Butter	Total	As Whole Milk	As Farm Separated Cream	to Consumers 3/	Total	Total
	(Million Pounds)							
1969	32	163	195	2,230	3	19	2,252	2,447
1970	32	148	180	2,270	3	18	2,291	2,471
1971	31	142	173	2,290	-	17	2,307	2,480
1972	33	140	173	2,340	-	17	2,357	2,530
1973	32	133	165	2,150	-	15	2,165	2,330
1974	32	133	165	2,190	-	15	2,205	2,370
1975	30	124	154	2,150	-	15	2,165	2,319
1976	29	119	148	2,215	-	20	2,235	2,383
1977	30	116	146	2,255	-	25	2,280	2,426
1978	28	111	139	2,115	-	20	2,135	2,274
1979	30	90	120	2,090	-	10	2,100	2,220

1/Excludes milk sucked by calves. 2/Includes milk produced by dealers' own herds. 3/Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds.

MILK COWS AND MILK PRODUCTION 1978 AND 1979

MONTH	Milk Cows on Farms 1/		Milk Per Cow 2/		Milk Production 2/	
	1978	1979 3/	1978	1979 3/	1978	1979 3/
	(Thousand Head)		(Pounds)		(Million Pounds)	
January	276	263	610	610	168	160
February	274	262	590	585	162	153
March	273	258	680	710	186	183
April	271	257	750	760	203	195
May	270	256	815	830	220	212
June	269	257	785	800	211	206
July	267	255	795	815	212	208
August	267	257	795	795	212	204
September	266	255	725	755	193	193
October	266	252	685	730	182	184
November	265	248	615	655	163	162
December	265	244	610	655	162	160
ANNUAL	269	255	8,454	8,706	2,274	2,220

1/Excludes heifers not yet fresh. 2/Excludes milk sucked by calves. 3/Preliminary.

GRAIN FED PER MILK COW IN HERD KENTUCKY AND U. S. - 1978 AND 1979

MONTH	KENTUCKY		UNITED STATES	
	1978	1979	1978	1979
	(Pounds Per Day Per Head)			
April 1	14.1	14.4	14.6	15.4
July 1	11.7	13.2	13.6	14.5
October 1	12.5	13.4	13.6	14.5
January 1 1/	13.8	14.3	15.0	15.4

1/January following year.

MILK COWS, PRODUCTION AND INCOME BY STATES - 1979

STATE	Milk Cows 1/	Average Production Per Cow	Milk Production 2/	Cash Receipts From Milk and Cream
	(Thousands)	(Pounds)	(Million Lbs.)	($1,000)
Alabama	78	7,731	603	79,331
Alaska	1	10,833	13	2,160
Arizona	71	13,127	932	120,419
Arkansas	88	8,182	720	86,172
California	871	14,408	12,549	1,450,990
Colorado	72	11,903	857	106,723
Connecticut	49	12,347	605	77,729
Delaware	12	11,026	129	15,969
Florida	188	10,457	1,966	282,081
Georgia	127	10,268	1,304	166,655
Hawaii	13	11,719	150	24,894
Idaho	141	11,979	1,689	188,578
Illinois	234	10,342	2,420	284,261
Indiana	200	10,875	2,175	264,671
Iowa	372	10,538	3,920	440,115
Kansas	126	10,349	1,304	153,447
KENTUCKY	255	8,706	2,220	248,899
Louisiana	121	8,438	1,021	132,643
Maine	56	11,393	638	81,699
Maryland	131	11,603	1,520	188,859
Massachusetts	45	12,511	563	73,404
Michigan	397	12,166	4,830	571,590
Minnesota	843	10,848	9,145	1,026,498
Mississippi	100	8,140	814	101,289
Missouri	270	10,174	2,747	317,219
Montana	27	10,630	287	31,611
Nebraska	120	10,792	1,295	149,040
Nevada	15	13,267	199	22,310
New Hampshire	30	11,400	342	43,526
New Jersey	41	12,049	494	61,939
New Mexico	35	14,457	506	65,396
New York	905	11,800	10,679	1,249,650
North Carolina	141	11,099	1,565	192,425
North Dakota	95	9,200	874	91,048
Ohio	377	11,313	4,265	507,779
Oklahoma	110	9,727	1,070	131,518
Oregon	94	11,734	1,103	133,327
Pennsylvania	701	11,532	8,084	1,030,833
Rhode Island	4	11,364	50	6,353
South Carolina	50	10,480	524	68,791
South Dakota	168	9,577	1,609	174,773
Tennessee	211	10,005	2,111	245,284
Texas	311	11,051	3,437	450,261
Utah	76	12,474	948	111,039
Vermont	183	11,907	2,179	267,068
Virginia	170	11,371	1,933	234,331
Washington	192	14,641	2,811	339,042
West Virginia	37	9,649	357	41,753
Wisconsin	1,813	12,107	21,950	2,519,087
Wyoming	11	10,636	117	13,090
UNITED STATES 3/	10,777	11,471	123,623	14,667,569

1/Average number on farms during year. 2/Excludes milk sucked by calves.
3/Rounded sum of individual states.

MILK COWS AND MILK PRODUCTION
REVISED COUNTY ESTIMATES - 1978

District and County	Avg. Number Milk Cows on Farms	Annual Avg. Production per Cow 1/	Total Milk Production
		(Pounds)	(000 Pounds)
Ballard	1,700	10,447	17,760
Calloway	1,800	9,183	16,530
Carlisle	1,500	9,413	14,120
Fulton	100	9,100	910
Graves	2,300	9,530	21,920
Hickman	1,100	10,118	11,130
Livingston	300	9,967	2,990
Lyon	300	9,900	2,970
McCracken	1,100	9,455	10,400
Marshall	100	8,400	840
Trigg	300	7,300	2,190
DISTRICT 1	10,600	9,600	101,760
Caldwell	1,800	8,628	15,530
Christian	800	8,250	6,600
Crittenden	200	7,000	1,400
Daviess	2,600	9,527	24,770
Hopkins	400	9,200	3,680
Logan	6,200	7,929	49,160
McLean	200	9,000	1,800
Muhlenberg	500	8,860	4,430
Ohio	400	7,250	2,900
Simpson	3,300	7,691	25,380
Todd	3,000	8,763	26,290
Union	-	-	-
Webster	-	-	-
Other Counties	100	7,800	780
DISTRICT 2	19,500	8,345	162,720
Adair	10,200	7,933	80,920
Allen	2,200	8,145	17,920
Barren	15,500	7,836	121,460
Breckinridge	900	8,289	7,460
Bullitt	2,200	9,314	20,490
Butler	600	7,417	4,450
Casey	5,000	7,806	39,030
Clinton	1,700	7,500	12,750
Cumberland	1,900	7,853	14,920
Edmonson	1,300	8,154	10,600
Grayson	3,400	8,482	28,840
Green	6,400	7,720	49,410
Hardin	5,400	9,793	52,880
Hart	10,000	8,078	80,780
Jefferson	1,200	9,517	11,420
Larue	5,200	8,977	46,680
Marion	7,400	8,893	65,810
Meade	400	7,475	2,990
Metcalfe	6,700	7,407	49,630
Monroe	6,500	8,608	55,950
Nelson	8,900	8,934	79,510
Russell	5,200	8,867	46,110
Taylor	6,400	8,592	54,990
Warren	4,500	8,433	37,950
DISTRICT 3	119,100	8,337	992,950
Boone	1,100	8,973	9,870
Bracken	3,800	8,142	30,940
Campbell	900	8,944	8,050
Carroll	1,000	7,000	7,000
Gallatin	1,000	8,440	8,440
Grant	1,300	8,662	11,260
Henry	6,300	8,454	53,260
Kenton	800	9,088	7,270
Oldham	2,800	9,221	25,820
Owen	3,000	8,560	25,680
Pendleton	2,300	8,435	19,400
Trimble	1,000	6,600	6,600
DISTRICT 4	25,300	8,442	213,590
Anderson	3,200	7,731	24,740
Bath	2,000	8,045	16,090
Bourbon	1,400	9,136	12,790
Boyle	1,400	8,407	11,770
Clark	400	9,200	3,680
Fayette	800	9,500	7,600
Fleming	7,400	9,264	68,550
Franklin	300	8,567	2,570
Garrard	3,500	7,866	27,530
Harrison	1,300	8,854	11,510
Jessamine	800	9,150	7,320
Lincoln	7,100	8,225	58,400
Madison	800	9,025	7,220
Mason	6,000	9,110	54,660
Mercer	5,200	9,198	47,830
Montgomery	1,600	8,806	14,090
Nicholas	1,400	7,886	11,040
Robertson	800	7,300	5,840
Scott	400	9,000	3,600
Shelby	13,200	9,553	126,100
Spencer	6,300	8,925	56,230
Washington	6,600	8,217	54,230
Woodford	100	7,000	700
DISTRICT 5	72,000	8,807	634,090
Boyd	100	7,700	770
Breathitt	-	-	-
Carter	300	7,500	2,250
Clay	200	6,150	1,230
Elliott	-	-	-
Estill	-	-	-
Greenup	300	8,700	2,610
Jackson	2,000	7,695	15,390
Knox	200	8,050	1,610
Laurel	2,100	7,490	15,730
Lawrence	100	5,500	550
Lewis	2,600	8,500	22,100
Magoffin	-	-	-
Menifee	100	7,100	710
Morgan	200	7,500	1,500
Owsley	-	-	-
Pulaski	9,200	7,230	66,520
Rockcastle	2,400	7,475	17,940
Rowan	200	9,900	1,980
Wayne	1,900	7,100	13,490
Whitley	300	8,333	2,500
Wolfe	-	-	-
Other Counties	300	6,700	2,010
DISTRICT 6	22,500	7,506	168,890
STATE	269,000	8,454	2,274,000

1/ Total Milk Production divided by Average Number Milk Cows on Farms.

MILK COWS AND MILK PRODUCTION
COUNTY ESTIMATES - 1979

District and County	Avg. Number Milk Cows on Farms	Annual Avg. Production per Cow 1/	Total Milk Production
		(Pounds)	(000 Pounds)
Ballard	1,400	10,207	14,290
Calloway	1,500	9,693	14,540
Carlisle	1,300	10,231	13,300
Fulton	100	8,900	890
Graves	2,100	9,662	20,290
Hickman	800	10,038	8,030
Livingston	300	11,333	3,400
Lyon	200	9,850	1,970
McCracken	700	10,429	7,300
Marshall	100	8,600	860
Trigg	300	7,967	2,390
DISTRICT 1	8,800	9,916	87,260
Caldwell	1,400	8,629	12,080
Christian	600	8,000	4,800
Crittenden	400	8,375	3,350
Daviess	2,300	9,957	22,900
Hopkins	300	9,333	2,800
Logan	4,900	8,500	41,650
McLean	100	10,000	1,000
Muhlenberg	800	9,988	7,990
Ohio	300	7,867	2,360
Simpson	2,900	8,290	24,040
Todd	2,500	9,432	23,580
Union	-	-	-
Webster	-	-	-
Other Counties	100	7,600	760
DISTRICT 2	16,600	8,874	147,310
Adair	9,500	8,812	77,730
Allen	2,300	7,678	17,660
Barren	14,600	8,371	122,210
Breckinridge	700	8,100	5,670
Bullitt	1,900	9,568	18,180
Butler	600	7,350	4,410
Casey	4,300	8,102	34,840
Clinton	2,000	6,745	13,490
Cumberland	1,900	6,911	13,130
Edmonson	1,200	8,858	10,630
Grayson	3,400	8,259	28,080
Green	6,600	7,515	49,600
Hardin	5,000	9,840	49,200
Hart	9,800	8,168	80,050
Jefferson	1,200	9,242	11,090
Larue	5,200	9,100	47,320
Marion	7,000	9,290	65,030
Meade	500	7,860	3,930
Metcalfe	7,700	7,142	54,990
Monroe	6,400	8,814	56,410
Nelson	8,800	9,350	82,280
Russell	5,100	9,051	46,160
Taylor	5,200	8,304	48,180
Warren	4,100	8,776	35,980
DISTRICT 3	115,000	8,491	976,450
Boone	1,100	9,273	10,200
Bracken	3,400	8,659	29,440
Campbell	700	9,371	6,560
Carroll	900	6,389	5,750
Gallatin	700	9,243	6,470
Grant	1,200	8,642	10,370
Henry	5,400	9,309	50,270
Kenton	700	9,814	6,870
Oldham	2,400	10,025	24,060
Owen	2,800	9,021	25,260
Pendleton	2,100	9,119	19,150
Trimble	1,000	6,710	6,710
DISTRICT 4	22,400	8,978	201,110
Anderson	3,700	8,286	30,660
Bath	1,900	8,263	15,700
Bourbon	900	9,922	8,930
Boyle	1,800	8,178	14,720
Clark	300	9,000	2,700
Fayette	700	10,300	7,210
Fleming	7,100	9,115	64,720
Franklin	200	8,350	1,670
Garrard	3,500	7,700	26,950
Harrison	1,400	9,050	12,670
Jessamine	700	9,143	6,400
Lincoln	6,500	8,551	55,580
Madison	800	8,575	6,860
Mason	5,800	9,286	53,860
Mercer	5,700	9,598	54,710
Montgomery	1,900	8,879	16,870
Nicholas	1,400	8,621	12,070
Robertson	800	7,175	5,740
Scott	500	9,000	4,500
Shelby	13,700	9,599	131,500
Spencer	5,600	9,032	50,580
Washington	7,000	8,356	58,490
Woodford	100	6,500	650
DISTRICT 5	72,000	8,941	643,740
Boyd	100	7,400	740
Breathitt	-	-	-
Carter	300	7,733	2,320
Clay	-	-	-
Elliott	-	-	-
Estill	-	-	-
Greenup	300	9,833	2,950
Jackson	1,700	8,618	14,650
Knox	-	-	-
Laurel	1,700	8,488	14,430
Lawrence	-	-	-
Lewis	2,800	8,375	23,450
Magoffin	-	-	-
Menifee	-	-	-
Morgan	200	7,000	1,400
Owsley	-	-	-
Pulaski	8,000	7,994	63,950
Rockcastle	2,300	8,509	19,570
Rowan	200	9,450	1,890
Wayne	1,700	7,765	13,200
Whitley	200	8,750	1,750
Wolfe	-	-	-
Other Counties	700	5,471	3,830
DISTRICT 6	20,200	8,125	164,130
STATE	255,000	8,706	2,220,000

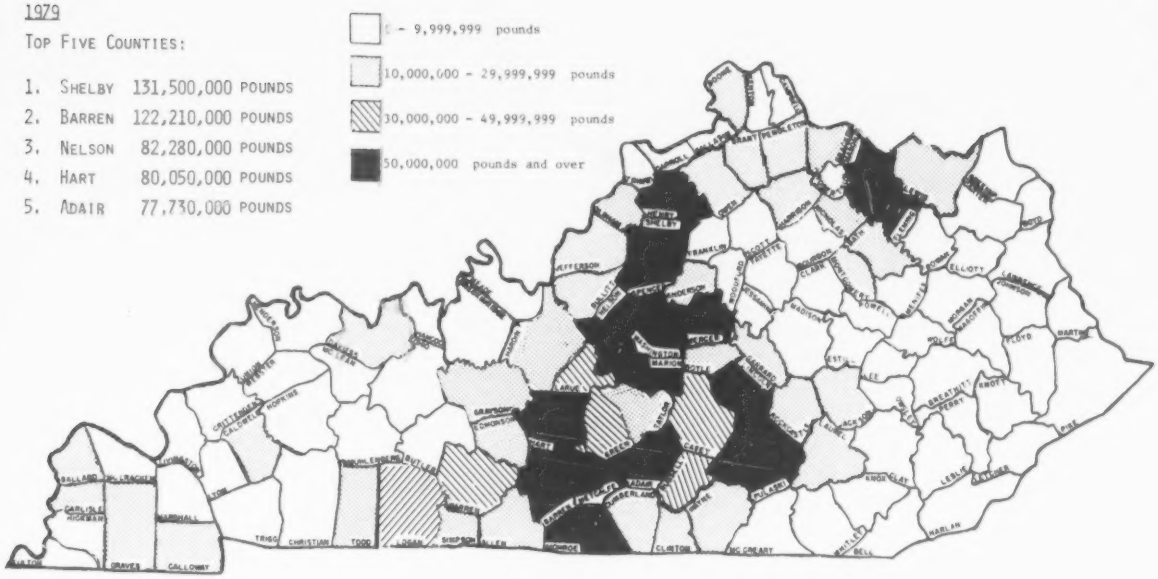
1/ Total Milk Production divided by Average Number Milk Cows on Farms.

MILK PRODUCTION

1979

Top Five Counties:

1. Shelby 131,500,000 pounds
2. Barren 122,210,000 pounds
3. Nelson 82,280,000 pounds
4. Hart 80,050,000 pounds
5. Adair 77,730,000 pounds



A familiar scene on many Kentucky dairy farms.

BEST AVAILABLE COPY

KENTUCKY DAIRY PRODUCTS

AMERICAN CHEESE

Kentucky plants produced 43,799,000 pounds of American cheese during 1979, a decrease of one percent from 1978. American cheese is composed of cheddar, colby, washed curd, stirred curd, monterey, and jack cheese. American cheese production in Kentucky required 438.3 million pounds of whole milk or 35 percent of the total whole milk diverted to manufactured dairy products. Kentucky ranked 9th nationally in American cheese production with 2 percent of the Nation's total.

For the United States, 2.19 billion pounds of American cheese were produced in 1979. American cheese accounted for 59 percent of the total 1979 cheese output. Wisconsin continues to lead the Nation in American cheese production with 926.3 million pounds, 42 percent of the Nation's total. Other states in rank of importance are Minnesota, Iowa, New York and Idaho. The top 5 states together accounted for 73 percent of the U. S. production.

UTILIZATION OF KENTUCKY MILK PRODUCTION 1969, 1978 AND 1979

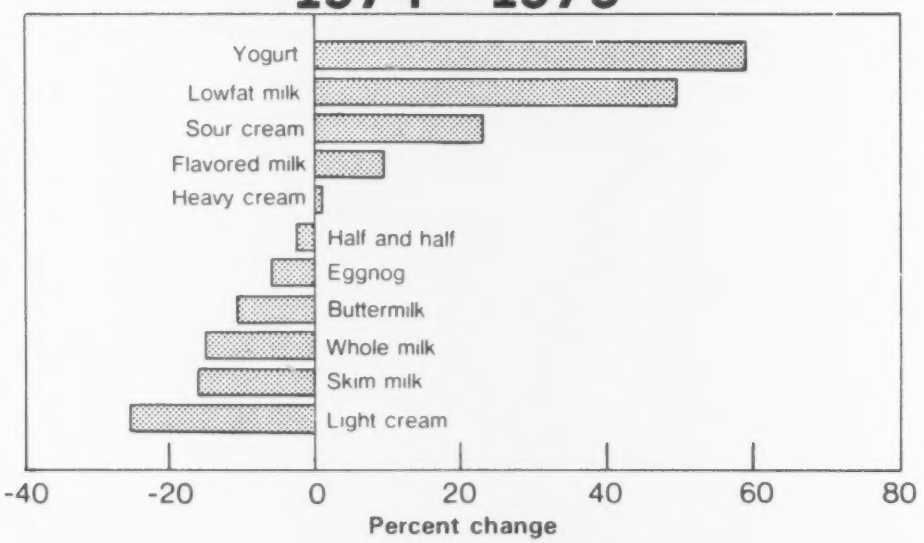
UTILIZATION	QUANTITY OF MILK 1/					
	1969	Percent of Total	1978	Percent of Total	1979	Percent of Total
	(Million Lbs.)		(Million Lbs.)		(Million Lbs.)	
Fluid Milk	915	38	954	42	853	39
All Cheese	523	21	568	25	556	25
Butter	341	14	311	14	3/	-
Other Products 2/	351	14	182	8	584	26
Frozen Products	103	4	100	4	97	4
Home Use	195	8	139	6	120	5
Direct Retail	19	1	20	1	10	1
TOTAL ALL MILK	2,447	100	2,274	100	2,220	100

1/Quantity used in products is whole milk equivalent.
2/Includes evaporated and dry products and products made by less than 3 plants.
3/Butter included in Other Products.

KENTUCKY MANUFACTURED DAIRY PRODUCTS 1978 AND 1979

MONTH	AMERICAN CHEESE		ICE MILK		CREAMED COTTAGE CHEESE	
	1978	1979	1978	1979	1978	1979
	(Thousand Pounds)		(Thousand Gallons)		(Thousand Pounds)	
January	3,233	2,885	129	140	475	481
February	3,114	2,740	162	165	595	461
March	3,596	3,373	320	303	618	582
April	4,377	3,970	352	320	559	553
May	5,017	4,717	421	389	620	641
June	4,758	4,713	468	435	541	642
July	4,552	4,360	460	427	537	677
August	4,053	4,245	452	423	592	792
September	3,300	3,620	376	303	593	701
October	3,153	3,305	304	254	617	756
November	2,233	2,797	227	182	499	694
December	3,055	3,074	187	159	446	611
TOTAL	44,441	43,799	3,858	3,500	6,692	7,591

CHANGES IN FLUID PRODUCTS PER CAPITA 1974 - 1979



KENTUCKY MILK PRODUCTION AND VALUE

Kentucky's 2.22 billion pounds of milk produced during 1979 was valued at $263.1 million. This is based on the average return per cwt. of milk sold plus the value of milk used in farm households and fed to calves. The 1979 value is up 12 percent from the revised 1978 value.

The annual average price per cwt. of milk sold was $11.85, up $1.55 per cwt. from a year earlier. Fluid milk prices averaged $12.10 per cwt., while manufactured grade milk prices averaged $10.30. The fluid price was up $1.40 from a year earlier and the manufactured grade price was up $1.70. Cash receipts from all dairy products marketed in 1979 by farmers totaled $248.9 million, up 13 percent from 1978.

MILK PRODUCTION, DISPOSITION, AND CASH RECEIPTS, 1978 AND 1979

ITEM	1978 1/	1979	% of 1979 Total	1979 As % Of 1978
	(Million Pounds)		(Percent)	
MILK MARKETED BY FARMERS				
Sold to Plants & Dealers	2,115	2,090	94.0	99
Retailed by Farmers	20	10	.5	50
MILK USED ON FARMS WHERE PRODUCED				
Used for Milk, Cream & Butter	111	90	4.1	81
Fed to Calves	28	30	1.4	107
TOTAL MILK PRODUCTION	2,274	2,220	100.0	98
CASH RECEIPTS	(Thousand Dollars)		(Percent)	
From Milk Retailed by Farmers	4,093	2,279	.9	56
Milk Sold to Dealers & Plants	215,730	246,620	99.1	114
TOTAL CASH RECEIPTS				
From Milk Marketed by Farmers	219,823	248,899	100.0	113
TOTAL VALUE OF MILK PRODUCED 2/	234,222	263,070	-	112

1/Revised. 2/Includes value of milk used for home consumption and value of milk fed to calves.

FARM INCOME

FARM INCOME HIGHLIGHTS

CASH RECEIPTS

For the first time since 1975, cash receipts for Kentucky farm products declined from the previous year. A decrease in receipts for Kentucky's two major commodities, tobacco and cattle, was the primary reason for the 7 percent decline. Receipts for livestock and products declined 8 percent while crop receipts declined 6 percent.

Tobacco remains the number one commodity in cash receipts, accounting for nearly 27 percent of total receipts. Despite the record high prices received for burley tobacco, the short crop caused cash receipts for all tobacco to drop 19 percent below the previous year. Following tobacco, the major income producing crops in Kentucky were soybeans and corn respectively. Soybean receipts in 1979 increased slightly (1%) due to the increase in acreage and yield. Soybean sales accounted for 14.6 percent of Kentucky's cash receipts. Corn acreage harvested in 1979 was below 1978, but the increased yield and season average price resulted in a 7 percent increase in cash receipts. Corn accounted for 8.7 percent of the total. The only other crop besides tobacco, corn, and soybeans that accounted for more than 1 percent of total receipts is wheat. Receipts for wheat in 1979 were three times greater than 1978 due to increased acreage, yield and prices received.

Marketings of cattle in 1979 were substantially below 1978, as farmers started to rebuild cattle herds. Cash receipts for cattle and calves dropped 21 percent from last year's record high despite sharply higher prices.

Plentiful supplies of pork lowered the prices received, but the increase in marketings more than offset the lower price, and cash receipts for hogs were up 5 percent from the previous year. Receipts for dairy products and eggs were also above the previous year.

PRICES RECEIVED BY KENTUCKY FARMERS

Prices received by farmers for most crops were higher in 1979 than for the previous year. The season average price for wheat at $4.00 per bushel was up 27 percent from 1978 and the highest season average price on record. New record highs were also set for hay and burley tobacco. Contributing to burley tobacco's price increase were an increased demand for the short crop and higher price support levels. Corn prices rose slightly, only 4 percent above last year; while prices received for soybeans declined slightly.

Excluding hogs, livestock prices rose substantially in 1979. Milk cows were the largest gainers, averaging $890.00 per head. Beef cattle also rose significantly, increasing 40 percent over the previous year. Hog prices remained stable through the early part of 1979 but then plummetted. By October, hog prices had reached their lowest level since November 1976. Hog prices averaged $41.50 per hundred weight for the year, 10 percent below 1978. Milk and egg prices increased moderately, in the 15 percent range.

PRICES PAID BY KENTUCKY FARMERS

Input prices including feed, fuel, machinery, fertilizer, farm supplies and building materials rose substantially in 1979. Exceptions were noted in some pesticide materials. The greatest increases were in fuels and motor supplies, with diesel fuel up 42 percent, unleaded gasoline up 33 percent and regular gasoline up 32 percent. Fertilizer prices ranged from 3 to 23 percent higher than a year earlier, depending on analysis and type of material. Farm machinery prices averaged about 10 percent above the previous year, while feeds were up about 12 percent. Building materials and farm supplies also averaged nearly 10 percent above 1978.

VALUE OF CROP PRODUCTION KENTUCKY - 1979

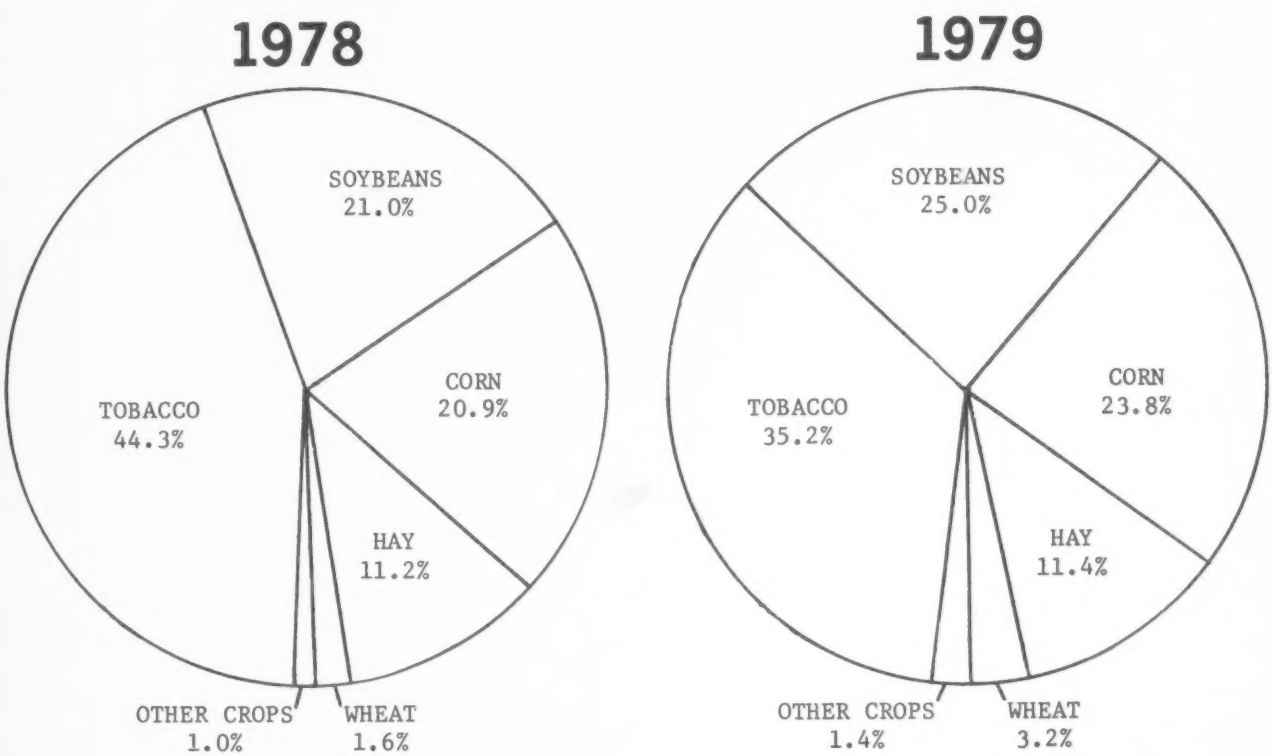
CROP VALUE UP 1 PERCENT

Substantial increases in soybeans, corn and wheat led to another record in total value of crops grown in Kentucky. The 1979 value of production totaled $1.392 billion compared with $1.374 billion in 1978. The most significant decline was in tobacco, which fell to $489.8 million compared with $608.2 million in 1978. A cutback in acreage following the large 1978 tobacco crop, excessive rainfall, and blue mold were responsible for the decline. Prices received for most 1979 crops were above 1978. Exceptions were soybeans, lespedeza seed, rye and bell peppers.

DISTRIBUTION OF CROP VALUES

Kentucky's four major crops (tobacco, soybeans, corn and hay) accounted for 95 percent of the total value of all crops. Tobacco remained the leading commodity but dropped to 35.2 percent of the total value of crops compared with 44.3 percent in 1978. Both corn and soybeans made significant gains over 1978 with each accounting for about one-fourth of the total crop value. This was the second consecutive year that soybeans edged out corn to become the second leading commodity. The value of wheat more than doubled as it made a comeback from the short 1978 crop.

DISTRIBUTION OF CROP VALUES



KENTUCKY CROPS RANKED BY 1979 VALUE OF PRODUCTION

RANK	COMMODITY AND UNIT	1979 CROP YEAR 1/		1978 CROP YEAR		CHANGE IN VALUE
		Price	Value	Price	Value	
		(Dollars)	(1,000 Dollars)	(Dollars)	(1,000 Dollars)	(1979 as % of 1978)
1.	Tobacco, All, Lb.	1.427	489,813	1.295	608,161	81
2.	Soybeans, Bu.	6.45	347,978	6.82	288,486	121
3.	Corn (for grain), Bu.	2.50	331,500	2.40	287,640	115
4.	Hay, Ton	50.50	158,267	48.50	153,357	103
5.	Wheat, Bu.	4.00	44,080	3.15	21,499	205
6.	Sorghum Grain, Bu.	2.10	4,855	1.85	2,638	184
7.	Peaches, Lb.	.210	3,150	.200	2,200	143
8.	Commercial Apples, Lb.	.130	2,639	.126	1,789	148
9.	Popcorn 2/, Cwt.	8.80	2,467	7.75	998	247
10.	Barley, Bu.	1.90	2,375	1.65	1,632	146
11.	Bell Peppers 3/, Cwt.	7.56	1,875	8.36	1,271	148
12.	Tall Fescue Seed, Cwt.	20.50	767	16.50	1,871	41
13.	Lespedeza Seed, Cwt.	53.00	757	55.00	392	193
14.	Vegetables, for Processing 4/	-	732	-	1,012	72
15.	Oats, Bu.	2.20	722	1.90	559	129
16.	Rye, Bu.	2.15	206	2.70	292	71
17.	Red Clover Seed, Cwt.	71.50	149	69.00	171	87
18.	Orchardgrass Seed, Cwt.	42.00	78	34.00	71	110
TOTAL			1,392,410		1,374,039	

1/Preliminary. 2/Shelled corn basis. 3/Fresh Market and Processing. 4/Commercial Production - including beans, cucumbers for pickles, and tomatoes for processing.

PRICES RECEIVED BY FARMERS FOR SPECIFIED PRODUCTS, KENTUCKY - BY MONTHS, 1974 - 1979

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	SEASON AVERAGE 1/
						CORN (Dollars per Bushel)							
1974	2.80	2.93	2.88	2.53	2.59	2.73	3.11	3.49	3.35	3.37	3.30	3.30	3.08
1975	3.12	2.89	2.73	2.73	2.67	2.72	2.80	2.98	2.71	2.61	2.31	2.41	2.57
1976	2.51	2.55	2.59	2.57	2.68	2.85	2.95	2.79	2.67	2.32	2.00	2.28	2.22
1977	2.46	2.46	2.54	2.48	2.36	2.18	1.84	1.60	1.61	1.65	1.83	2.13	2.19
1978	2.25	2.26	2.40	2.44	2.50	2.44	2.24	2.14	2.06	2.14	2.18	2.28	2.40
1979	2.39	2.43	2.45	2.50	2.52	2.81	2.97	2.90	2.75	2.63	2.45	2.70	2.50
						WHEAT (Dollars per Bushel)							
1974	5.51	5.68	5.15	4.03	3.39	3.38	3.99	3.93	3.93	4.33	4.20	4.03	3.77
1975	3.68	3.68	3.27	3.21	2.83	2.64	3.04	3.40	3.44	3.41	3.08	3.01	2.96
1976	3.17	3.49	3.42	3.15	3.05	3.17	3.10	2.79	2.76	2.48	2.17	2.34	2.95
1977	2.52	2.43	2.22	2.43	2.23	2.22	1.90	1.85	1.79	2.01	2.20	2.34	2.10
1978	2.27	2.51	2.70	2.94	3.03	2.93	3.00	3.13	3.22	3.25	3.25	3.55	3.15
1979	3.38	3.52	3.66	3.68	3.75	4.02	3.95	3.93	3.92	3.82	3.98	4.07	4.00
						SOYBEANS (Dollars per Bushel)							
1974	5.97	6.16	6.11	5.16	5.29	5.16	6.25	7.44	7.32	8.21	7.40	7.03	6.84
1975	6.12	5.68	5.37	5.65	5.07	4.97	5.39	5.86	5.30	4.95	4.41	4.32	4.87
1976	4.52	4.57	4.61	4.60	4.90	6.04	6.81	6.04	6.87	5.92	6.03	6.56	6.74
1977	7.01	7.20	7.78	9.55	9.31	8.29	7.05	5.28	5.05	5.48	5.69	5.82	6.18
1978	6.25	5.89	6.46	6.70	6.96	6.88	6.73	6.39	6.21	6.29	6.35	6.54	6.82
1979	6.67	7.12	7.32	7.40	7.25	7.68	7.81	7.20	7.19	6.23	6.41	6.48	6.45

1/Season average prices were computed by weighting monthly prices by the estimated percentage of sales made each month.

PRICES RECEIVED BY FARMERS FOR SPECIFIED PRODUCTS, KENTUCKY - BY MONTHS, 1974 - 1979

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	SEASON AVERAGE 1/
						ALL HAY (Dollars per Ton)							
1974	35.50	36.50	37.50	36.00	33.50	34.50	35.50	37.00	38.00	36.50	37.50	39.50	38.50
1975	40.00	39.50	43.50	45.00	39.50	37.00	37.50	41.00	39.00	42.00	39.00	38.00	40.00
1976	42.00	42.50	42.00	42.00	43.00	41.00	40.50	42.00	43.00	42.00	42.50	45.00	47.00
1977	47.50	59.00	61.50	57.00	51.50	44.50	47.50	45.50	44.00	46.00	47.00	45.50	47.50
1978	48.00	51.50	49.00	49.00	47.00	49.00	50.50	46.50	47.00	49.50	50.50	49.00	48.50
1979	51.00	48.50	46.00	45.00	46.50	49.00	49.00	49.50	51.00	51.50	52.50	52.50	50.50
						ALFALFA HAY 2/ (Dollars per Ton)							
1974	41.00	41.50	42.00	41.50	39.00	40.00	40.50	41.50	43.50	43.00	43.50	45.50	
1975	48.00	47.00	50.50	50.00	44.50	43.00	44.00	47.50	45.50	47.50	44.00	44.50	
1976	50.50	50.50	51.00	48.50	47.00	46.00	47.50	48.00	51.50	49.00	49.50	51.00	
1977	54.50	70.00	72.00	70.50	65.00	55.50	53.50	51.50	52.00	55.50	54.00	52.50	
1978	57.50	60.50	57.50	57.00	54.00	55.00	57.50	53.50	55.00	58.50	60.00	58.00	
1979	60.50	58.00	54.00	52.50	60.00	66.00	64.00	63.00	68.00	71.00	70.00	69.00	
						ALL OTHER HAY 2/ (Dollars per Ton)							
1974	33.00	34.00	35.00	33.50	31.00	32.00	33.00	34.50	35.00	33.00	34.50	36.50	
1975	38.00	37.50	41.50	43.50	38.00	35.50	36.00	39.50	37.50	40.50	38.00	36.50	
1976	40.00	40.50	40.00	40.50	42.00	39.50	39.00	40.50	41.00	40.00	41.00	43.50	
1977	45.50	56.50	59.00	53.50	48.00	42.00	46.00	44.00	42.00	43.50	45.00	43.50	
1978	45.50	49.50	47.00	49.00	45.50	47.50	49.00	44.50	45.00	47.50	48.00	47.00	
1979	48.50	46.00	44.00	43.00	43.00	44.50	45.00	46.00	46.50	46.50	48.00	48.00	

1/Marketing season May - April. Season average prices were computed by weighting monthly prices by the estimated percentage of sales made each month. 2/Season average prices discontinued in 1972.

PRICES RECEIVED BY FARMERS FOR SPECIFIED PRODUCTS, KENTUCKY - BY MONTHS, 1974 - 1979

CROP YEAR	NOV	DEC	JAN 1/	FEB 1/	MAR 1/	APR 1/	MAY	JUN	JUL	AUG	SEP	OCT	SEASON AVERAGE
					BURLEY TOBACCO - TYPE 31 (Cents per Pound)								
1974	111.9	117.6	108.2	88.3	-	-	-	-	-	-	-	-	114.1
1975	107.4	104.9	108.9	107.4	-	-	-	-	-	-	-	-	106.7
1976	117.0	115.7	114.2	113.5	110.5	105.5	-	-	-	-	-	-	115.0
1977	122.5	120.4	123.3	122.0	115.5	-	-	-	-	-	-	-	121.8
1978	132.6	132.0	130.0	126.5	122.5	-	-	-	-	-	-	-	131.8
1979	145.0	148.2	144.5	139.5	-	-	-	-	-	-	-	-	145.8

1/ Following year.

PRICES RECEIVED BY FARMERS FOR SPECIFIED PRODUCTS, KENTUCKY - BY YEARS, 1974 - 1979

CROP YEAR	EASTERN DARK FIRE-CURED TOBACCO Type 22	WESTERN DARK FIRE-CURED TOBACCO Type 23	ONE SUCKER TOBACCO Type 35	GREEN RIVER TOBACCO Type 36
		(Cents per Pound)		
1974	96.5	93.3	75.5	80.1
1975	105.4	97.8	90.2	88.3
1976	142.0	136.0	115.0	118.0
1977	133.8	125.5	117.7	117.8
1978	112.0	110.5	97.4	101.1
1979	114.5	112.4	112.5	105.3

PRICES RECEIVED BY FARMERS FOR SPECIFIED PRODUCTS, KENTUCKY - BY MONTHS, 1974 - 1979

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE 1/
						BEEF CATTLE 2/ (Dollars per Cwt.)							
1974	41.70	41.90	39.50	37.80	35.60	31.00	30.60	31.30	28.90	25.00	24.20	23.00	31.80
1975	23.50	22.90	23.50	25.90	28.60	29.70	28.10	26.50	27.90	28.80	28.60	28.20	27.40
1976	28.60	30.20	33.00	35.90	35.60	34.40	31.70	31.20	30.40	29.20	29.40	29.50	31.40
1977	29.50	29.90	31.90	32.90	34.10	31.90	31.90	31.70	32.50	31.60	30.40	30.90	31.60
1978	33.90	35.70	40.50	43.90	48.30	49.90	48.40	48.70	49.30	51.20	49.80	51.80	46.60
1979	59.30	63.60	68.60	71.60	72.20	66.60	66.80	62.00	66.10	63.00	62.60	62.00	65.10
						BEEF COWS (Dollars per Cwt.)							
1974	31.30	32.90	31.80	29.60	28.00	25.10	24.00	23.90	22.10	18.30	18.10	17.10	24.10
1975	17.10	18.30	19.20	19.80	22.20	22.10	20.20	19.30	20.00	21.00	20.80	20.00	20.20
1976	22.30	24.90	26.80	28.30	28.40	27.40	26.50	24.80	23.40	23.40	22.40	22.10	24.70
1977	23.50	23.10	25.30	26.00	26.90	24.50	22.90	22.30	23.50	22.80	22.30	23.00	23.50
1978	26.50	28.50	31.00	34.50	38.10	36.50	36.90	35.20	37.50	38.40	38.50	40.50	35.50
1979	48.30	50.50	50.90	54.00	55.10	50.80	49.40	47.30	47.50	46.90	45.90	46.70	48.80
						STEERS AND HEIFERS (Dollars per Cwt.)							
1974	45.40	44.60	41.70	40.00	37.70	32.60	32.50	33.60	31.10	27.30	26.50	25.20	34.30
1975	25.80	24.30	24.70	27.50	30.30	31.80	30.30	28.70	30.40	31.40	31.30	31.20	29.60
1976	31.00	31.90	35.00	37.90	37.50	36.40	33.20	33.10	32.60	31.10	31.90	32.30	33.50
1977	31.80	32.20	34.00	34.90	36.00	34.00	34.50	34.50	35.40	34.50	33.30	33.80	34.30
1978	36.60	38.30	43.50	46.70	51.00	53.50	51.60	52.50	53.00	55.50	54.00	56.00	50.10
1979	63.40	67.80	73.90	76.60	76.80	71.10	71.70	66.40	72.00	68.30	68.40	67.70	70.30
						CALVES (Dollars per Cwt.)							
1974	54.00	53.00	50.30	48.50	43.00	38.60	35.70	36.10	35.10	28.80	27.70	25.70	40.10
1975	26.00	26.80	27.10	27.90	29.70	28.70	25.70	23.90	25.80	26.90	27.30	28.50	27.00
1976	30.90	32.00	35.10	38.10	39.20	38.50	35.40	34.00	33.30	33.20	32.10	32.80	34.60
1977	35.00	36.00	39.50	38.70	39.90	35.00	36.40	35.50	37.70	37.10	35.50	37.20	37.00
1978	41.20	43.00	51.90	52.50	57.30	57.10	57.40	56.90	61.40	62.60	61.30	66.70	56.00
1979	72.90	77.80	87.80	90.30	90.70	83.80	83.40	80.10	87.30	79.80	77.80	75.00	83.00

1/Annual average prices were computed by weighting monthly prices by the estimated percentage of sales made each month. 2/Cows, slaughter bulls, steers and heifers.

PRICES RECEIVED BY FARMERS FOR SPECIFIED PRODUCTS, KENTUCKY - BY MONTHS, 1974 - 1979

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
						MILK COWS 1/ (Dollars per Head)							
1974	435	435	445	425	425	400	410	400	395	385	355	355	405
1975	325	330	330	330	320	340	335	325	320	335	360	395	337
1976	385	395	390	400	400	415	395	395	430	405	400	395	400
1977	405	390	385	390	415	405	385	405	400	380	385	410	396
1978	415	425	445	460	480	500	525	545	575	600	640	665	523
1979	700	770	825	890	920	935	935	925	935	940	945	965	890
						MILK - WHOLESALE, ALL (Dollars per Cwt.)							
1974	9.15	9.10	9.00	8.60	8.10	7.40	7.05	7.25	7.70	8.00	8.30	8.25	8.10
1975	8.05	8.05	7.90	7.55	7.45	7.40	7.50	8.00	8.70	9.25	9.90	10.20	8.25
1976	10.20	9.90	9.65	8.85	8.80	8.75	8.90	9.25	9.75	10.10	10.10	10.00	9.45
1977	9.75	9.55	9.25	8.90	8.80	9.00	8.95	9.20	9.80	10.00	10.30	10.50	9.45
1978	10.10	10.10	10.10	9.70	9.50	9.50	9.50	9.90	10.60	11.10	11.50	12.00	10.20
1979	11.90	12.00	11.70	11.10	11.00	11.00	11.00	11.60	12.20	12.50	12.70	13.00	11.80
						MILK - FLUID MARKET (Dollars per Cwt.)							
1974	9.35	9.45	9.45	8.90	8.55	7.85	7.45	7.65	8.15	8.40	8.70	8.65	8.56
1975	8.35	8.35	8.25	7.85	7.75	7.75	7.90	8.45	9.25	9.80	10.30	10.70	8.70
1976	10.60	10.30	10.10	9.20	9.20	9.10	9.20	9.60	10.20	10.60	10.50	10.40	9.90
1977	10.10	9.90	9.60	9.20	9.15	9.45	9.40	9.70	10.40	10.50	10.80	10.90	9.90
1978	10.50	10.50	10.50	10.10	9.90	9.90	9.90	10.40	11.10	11.60	12.00	12.40	10.70
1979	12.30	12.40	12.10	11.40	11.30	11.30	11.30	12.00	12.60	12.90	13.00	13.30	12.10
						MILK - MANUFACTURING GRADE (Dollars per Cwt.)							
1974	7.95	8.05	7.90	7.80	7.15	6.60	6.35	6.50	6.75	6.85	6.85	6.70	7.04
1975	6.85	6.95	6.85	6.70	6.70	6.65	6.70	7.00	7.35	7.80	8.05	8.40	7.10
1976	8.40	8.00	7.85	7.70	7.60	7.65	7.90	8.10	8.05	8.15	8.10	8.10	7.95
1977	8.05	7.95	7.95	7.90	7.80	7.80	7.85	7.95	8.15	8.35	8.45	8.60	8.05
1978	8.50	8.45	8.40	8.20	8.20	8.25	8.30	8.45	8.85	9.25	9.45	9.65	8.60
1979	9.90	9.90	9.80	9.75	9.95	10.10	10.10	10.40	10.70	11.00	11.10	11.20	10.30

1/Annual average prices are straight rather than weighted averages.

PRICES RECEIVED BY FARMERS FOR SPECIFIED PRODUCTS, KENTUCKY - BY MONTHS, 1974 - 1979

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE 1/
						HOGS (Dollars per Cwt.)							
1974	41.00	40.00	35.50	30.70	27.00	24.30	35.50	37.10	35.00	38.10	37.60	39.20	35.20
1975	38.00	39.10	39.10	40.10	45.50	49.80	56.00	56.60	59.70	60.00	50.10	49.00	47.20
1976	48.00	48.00	45.60	46.60	48.30	49.00	48.10	42.90	41.40	34.10	32.50	35.90	44.10
1977	38.00	39.30	37.20	35.50	39.80	42.00	44.50	41.70	40.40	39.70	37.90	41.10	39.10
1978	43.20	45.70	46.10	44.60	47.00	48.10	45.70	47.20	47.70	50.80	47.10	48.90	46.20
1979	49.90	51.80	47.60	43.90	43.20	39.30	38.00	36.00	37.70	34.10	34.90	38.50	41.50
						EGGS (Cents per Dozen)							
1974	67.0	62.4	58.0	49.0	37.0	35.0	39.1	44.1	51.2	56.6	53.3	61.7	51.9
1975	56.4	50.5	50.4	43.5	42.7	39.9	40.8	44.1	53.2	48.9	54.7	60.3	49.1
1976	57.0	55.9	49.5	46.0	50.3	48.9	54.3	56.5	55.6	56.8	59.7	65.6	54.2
1977	58.4	67.8	57.7	51.1	43.3	38.2	46.3	47.2	46.5	41.5	46.3	48.0	50.6
1978	46.6	51.4	51.5	48.2	42.8	37.8	45.0	50.9	49.2	48.6	52.8	60.8	47.7
1979	59.6	59.2	61.0	56.9	55.3	51.8	50.1	46.6	54.0	48.5	55.8	60.4	55.0

1/Annual average prices were computed by weighting monthly prices by the estimated percentage of sales made each month.

KENTUCKY CASH RECEIPTS FROM FARM MARKETING, 1977 - 1979

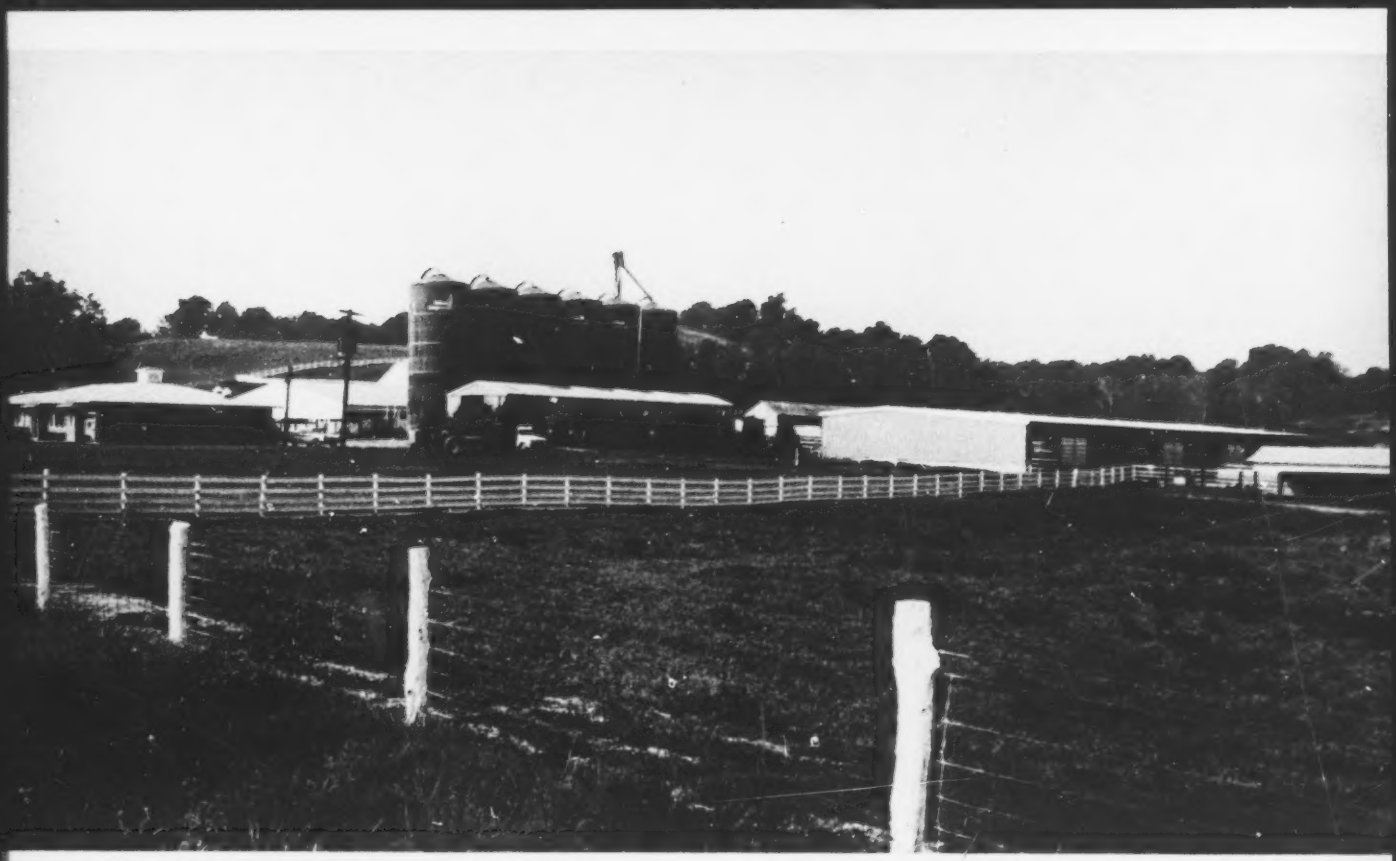
Commodity	1977		1978 1/		1979 2/		1979
	Cash Receipts ($1,000)	% of Total	Cash Receipts ($1,000)	% of Total	Cash Receipts ($1,000)	% of Total	as % of 1978
LIVESTOCK & PRODUCTS	730,639	42.2	991,771	44.8	913,598	44.5	92
Cattle & Calves	343,081	19.8	573,856	25.9	455,128	22.1	79
Dairy Products	217,865	12.6	219,823	9.9	248,899	12.1	113
Hogs	122,786	7.1	150,484	6.8	157,593	7.7	105
Eggs	22,141	1.3	21,575	1.0	25,692	1.3	119
Broilers	2,908	.2	2,642	.1	2,874	.1	109
Sheep & Lambs	893	.1	935	-	824	-	88
Wool	120	-	106	-	107	-	101
Farm Chickens	1,000	.1	762	-	891	-	117
Other Livestock Products	19,845	1.2	21,588	1.0	21,590	1.1	100
CROPS	999,353	57.8	1,220,100	55.2	1,141,346	55.5	94
Tobacco	619,202	35.8	678,462	30.7	549,234	26.7	81
Corn	144,552	8.4	165,786	7.5	177,907	8.7	107
Soybeans	154,953	9.0	297,763	13.5	300,210	14.6	101
Wheat	20,446	1.2	11,865	.5	36,163	1.8	305
Barley	1,000	.1	996	-	1,269	.1	127
Hay	13,085	.8	12,900	.6	10,816	.5	84
Fescue Seed	1,097	.1	1,042	-	1,042	.1	100
Lespedeza Seed	563	-	368	-	397	-	108
Popcorn	2,633	.2	1,192	.1	2,259	.1	190
Green Peppers	1,486	.1	1,271	.1	1,875	.1	148
Orchardgrass Seed	50	-	345	-	62	-	18
Red Clover Seed	275	-	163	-	127	-	78
Sorghum Grain	1,740	.1	1,141	.1	524	-	46
Tomatoes	1,343	.1	160	-	104	-	65
Other Field Crops	10,632	.6	9,881	.4	9,761	.5	99
Apples	2,246	.1	1,954	.1	2,809	.1	144
Peaches	146	-	2,100	.1	3,023	.1	144
Berries	1,746	.1	2,069	.1	2,069	.1	100
Other Fruits & Nuts	758	-	700	-	700	-	100
Forest Products	9,400	.5	16,742	.8	26,495	1.3	158
Greenhouse & Nursery	12,000	.7	13,200	.6	14,500	.7	110
ALL COMMODITIES	1,729,992		2,211,871		2,054,944		93

- Indicates less than .05%. Percent may not be accurate to .1 in last place because of method of machine computation. 1/ Revised. 2/ Preliminary.

CASH RECEIPTS FROM FARM MARKETING
COUNTY ESTIMATES - 1978 1/

District and County	Total Livestock	Total Crop	All Cash Receipts
	(Thousand Dollars)		
Ballard	6,900	15,036	21,936
Calloway	7,642	18,617	26,259
Carlisle	5,651	6,946	12,597
Fulton	3,564	13,503	17,067
Graves	13,287	27,667	40,954
Hickman	6,817	13,202	20,019
Livingston	8,184	5,487	13,671
Lyon	3,542	2,741	6,283
McCracken	4,157	8,907	13,064
Marshall	4,481	6,886	11,367
Trigg	8,066	9,318	17,384
DISTRICT 1	72,291	128,310	200,601
Caldwell	9,836	9,739	19,575
Christian	18,750	41,718	60,468
Crittenden	6,132	7,871	14,003
Daviess	17,324	38,221	55,545
Hancock	2,177	6,979	9,156
Henderson	8,892	28,301	37,193
Hopkins	5,635	13,080	18,715
Logan	20,853	38,923	59,776
McLean	4,312	19,850	24,162
Muhlenberg	6,820	10,437	17,257
Ohio	6,045	13,666	19,711
Simpson	11,297	22,494	33,791
Todd	12,782	25,494	38,276
Union	23,464	19,147	42,611
Webster	7,075	16,822	23,897
DISTRICT 2	161,394	312,746	474,136
Adair	15,322	7,289	22,611
Allen	10,854	7,273	18,127
Barren	30,130	18,120	48,250
Breckinridge	17,195	15,738	32,933
Bullitt	5,349	3,193	8,542
Butler	6,119	7,110	13,229
Casey	10,194	8,987	19,181
Clinton	4,621	3,414	8,035
Cumberland	4,385	3,733	8,118
Edmonson	5,221	3,906	9,127
Grayson	14,878	9,022	23,900
Green	14,219	9,257	23,476
Hardin	19,557	11,535	31,092
Hart	18,232	12,186	30,418
Jefferson	6,000	7,995	13,995
Larue	12,933	7,303	20,236
Marion	18,012	8,883	26,895
Meade	9,525	6,043	15,568
Metcalfe	10,721	8,056	18,777
Monroe	14,103	6,014	20,117
Nelson	22,720	8,884	31,604
Russell	10,206	5,468	15,674
Taylor	13,021	9,215	22,236
Warren	28,554	18,865	47,419
DISTRICT 3	322,071	207,489	529,560
Boone	6,736	5,442	12,178
Bracken	6,137	8,029	14,166
Campbell	2,464	1,456	3,920
Carroll	2,848	5,148	7,996
Gallatin	2,677	4,081	6,758
Grant	5,317	7,459	12,776
Henry	13,167	13,580	26,747
Kenton	2,982	2,201	5,183
Oldham	7,548	5,818	13,366
Owen	6,885	10,023	16,908
Pendleton	6,475	6,595	13,070
Trimble	3,016	5,930	8,946
DISTRICT 4	66,252	75,762	142,014
Anderson	6,031	4,262	10,293
Bath	8,899	7,790	16,689
Bourbon	21,533	16,033	37,566
Boyle	10,309	6,628	16,937
Clark	12,471	10,076	22,547
Fayette	21,115	17,867	38,982
Fleming	14,567	10,329	24,896
Franklin	3,732	7,507	11,239
Garrard	12,920	9,408	22,328
Harrison	11,374	11,953	23,327
Jessamine	7,963	8,624	16,587
Lincoln	20,722	9,617	30,339
Madison	18,178	13,592	31,770
Mason	12,671	11,679	24,350
Mercer	14,003	8,885	22,888
Montgomery	8,019	7,938	15,957
Nicholas	6,966	6,809	13,775
Robertson	1,437	3,062	4,499
Scott	10,260	13,474	23,734
Shelby	27,275	17,850	45,125
Spencer	10,058	6,333	16,391
Washington	14,355	9,472	23,827
Woodford	12,252	13,144	25,396
DISTRICT 5	287,110	232,332	519,442
Bell	121	40	161
Boyd	2,463	290	2,753
Breathitt	431	1,769	2,200
Carter	5,855	4,386	10,241
Clay	1,301	3,844	5,145
Elliott	1,688	2,490	4,178
Estill	2,076	2,474	4,550
Floyd	318	131	449
Greenup	2,646	3,077	5,723
Harlan	124	38	162
Jackson	3,761	4,516	8,277
Johnson	430	862	1,292
Knott	97	62	159
Knox	1,044	1,420	2,464
Laurel	7,984	6,525	14,509
Lawrence	2,958	978	3,936
Lee	420	976	1,396
Leslie	95	105	200
Letcher	97	13	110
Lewis	6,907	6,389	13,296
McCreary	243	169	412
Magoffin	427	2,208	2,635
Martin	318	66	384
Menifee	976	1,957	2,933
Morgan	1,983	4,998	6,981
Owsley	410	2,580	2,990
Perry	72	114	186
Pike	170	88	258
Powell	1,304	1,560	2,864
Pulaski	20,602	12,165	32,767
Rockcastle	5,977	5,096	11,073
Rowan	1,721	2,031	3,752
Wayne	13,108	6,484	19,592
Whitley	1,886	891	2,777
Wolfe	665	2,704	3,369
DISTRICT 6	90,678	83,496	174,174
STATE	999,796	1,040,131	2,039,927

1/Estimates were based on 1978 preliminary cash receipts. Revisions will be published in the 1980-81 bulletin.



COST OF PRODUCTION

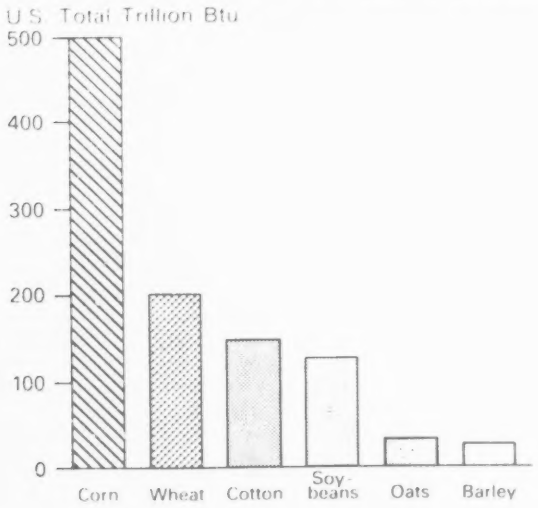
COST OF PRODUCTION HIGHLIGHTS

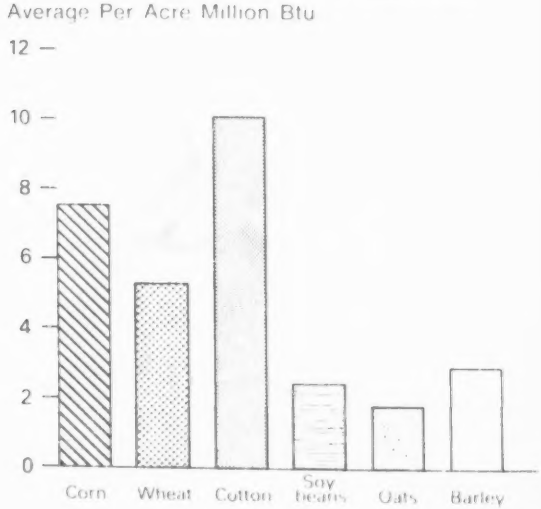
Cost of production information is of vital interest to farmers, consumers and the entire agribusiness community. The following cost data for production per acre of soybeans, wheat and corn for grain are the result of a survey conducted in March and April 1979 and are not considered official estimates. The costs reported are weighted averages reflecting costs for the 1978 crop year. We recognize that there is a wide variation of costs among individual farms, and the costs reported here are not exactly the same as the costs that various individuals would report. However, considerable detail is provided to promote an understanding of costs associated with production of a crop. We also recognize that input costs have increased significantly since 1978.

Gross receipts from production are based on the average yield per planted acres for Kentucky multiplied by the season average price received by farmers. The land costs included are based on share rental agreements typical for these crops in Kentucky, and do not include the current land values or cost of acquisition. Management charge is 10 percent of total cost minus land cost.

The other tables on total Farm Production Expenses and Prices Paid by Farmers for Commodities Used in Production are official estimates derived from regular ongoing surveys conducted by the Crop Reporting Service.

ENERGY USE BY CROP
U. S. TOTAL AND AVERAGE PER ACRE





Corn uses more total energy than any other crop, but based on per-acre requirements for energy, cotton is No. 1. That's partly because cotton production has exceptional needs for pesticides, which use large amounts of energy.

The use of diesel fuel is on the uptrend, as farmers replace old gasoline and LP-powered machines with more energy-efficient diesel-powered machinery. On the whole, energy use at the farm level is increasing very slowly.

Despite the spiraling costs of energy, a move back to labor-intensive agriculture appears highly unlikely: Labor costs 880 times more than electricity in terms of work performed per hour.

COST OF PRODUCTION, CORN FOR GRAIN 1/ KENTUCKY - 1978

Item	Unit	Price or Cost per Unit	Quantity	Value or Cost per Acre	Cost per Unit of Production
Total Gross Receipts from Production	Bu.	2.250	84.400	189.90	
Variable Costs					
Pre-Harvest					
Seed	Lbs.	0.839	14.700	12.33	0.15
Nitrogen	Lbs.	0.147	125.800	18.49	0.22
Phosphate	Lbs.	0.174	84.300	14.67	0.17
Potash	Lbs.	0.090	83.200	7.49	0.09
Fertilizer Application	Acre	2.700	0.190	0.51	0.01
Lime	Ton	10.200	0.050	0.51	0.01
Herbicide	Acre	12.020	1.000	12.02	0.14
Insecticide	Acre	2.750	1.000	2.75	0.03
Insecticide Application	Acre	1.000	0.050	0.05	0.00
Tractor Fuel & Lube	Acre			2.50	0.03
Tractor Repairs	Acre			1.60	0.02
Machine Fuel & Lube	Acre			1.66	0.02
Machine Repairs	Acre			2.14	0.03
Machinery Labor	Hours	2.960	2.853	8.44	0.10
Interest on Oper. Capital	Dollars	0.087	34.941	3.04	0.04
TOTAL PRE-HARVEST				88.21	1.05
Harvest					
Custom Combining	Acre	16.500	0.050	0.82	0.01
Corn Shelling	Bu.	0.170	18.600	3.16	0.04
Tractor Fuel & Lube	Acre			0.49	0.01
Tractor Repairs	Acre			0.32	0.00
Machine Fuel & Lube	Acre			1.28	0.02
Machine Repairs	Acre			2.25	0.03
Machinery Labor	Hours	2.960	1.005	2.97	0.04
Drying Cost	Bu.	0.115	44.732	5.13	0.06
Interest on Oper. Capital	Dollars	0.087	0.0	0.0	0.0
TOTAL HARVEST				16.43	0.19
TOTAL VARIABLE COSTS				104.64	1.24
Income Above Variable Costs				85.26	1.01
Ownership Costs (replacement, taxes, interest, ins.)					
Tractors				4.73	0.06
Machinery				21.79	0.26
TOTAL OWNERSHIP COSTS				26.52	0.31
Other Costs					
Land Charge (share rent)				57.97	0.69
General Farm Overhead				8.61	0.10
Management Charge (10.0% of TC-land)				13.98	0.17
TOTAL OTHER COSTS				80.56	0.95
TOTAL OF ABOVE COSTS				211.72	2.51
Return to Risk				-21.82	-0.26

1/Assumption for harvesting method: 29% picked, 71% combined; 15% hauled with grain wagon, 85% with truck; 22% shelled, 7% not shelled.

COST OF PRODUCTION, SOYBEANS 1/ KENTUCKY - 1978

Item	Unit	Price or Cost per Unit	Quantity	Value or Cost per Acre	Cost per Unit of Production
Total Gross Receipts from Production	Bu.	6.700	29.200	195.64	
Variable Costs					
Pre-Harvest					
Seed	Lbs.	0.163	55.500	9.05	0.31
Nitrogen	Lbs.	0.147	11.100	1.63	0.06
Phosphate	Lbs.	0.174	35.100	6.11	0.21
Potash	Lbs.	0.090	42.500	3.82	0.13
Fertilizer Application	Acre	2.260	0.180	0.41	0.01
Lime	Ton	10.200	0.060	0.61	0.02
Herbicide	Acre	12.390	1.000	12.39	0.42
Fungicide	Acre	0.080	1.000	0.08	0.00
Insecticide	Acre	0.650	1.000	0.65	0.02
Herbicide Application	Acre	3.110	0.080	0.25	0.01
Tractor Fuel & Lube	Acre			2.34	0.08
Tractor Repairs	Acre			1.44	0.05
Machine Fuel & Lube	Acre			1.62	0.06
Machine Repairs	Acre			2.19	0.07
Machinery Labor	Hours	2.960	2.594	7.68	0.26
Other Labor	Hours	2.960	1.380	4.08	0.14
Interest on Oper. Capital	Dollars	0.087	23.080	2.01	0.07
TOTAL PRE-HARVEST				56.35	1.93
Harvest					
Custom Combine & Haul	Acre	15.750	0.110	1.73	0.06
Machine Fuel & Lube	Acre			1.23	0.04
Machine Repairs	Acre			1.89	0.06
Machinery Labor	Hours	2.960	0.710	2.10	0.07
Interest on Oper. Capital	Dollars	0.087	0.0	0.0	0.0
TOTAL HARVEST				6.95	0.24
TOTAL VARIABLE COSTS				63.31	2.17
Income Above Variable Costs				132.33	4.53
Ownership Costs (replacement, taxes, interest, ins.)					
Tractors				3.51	0.12
Machinery				20.78	0.71
TOTAL OWNERSHIP COSTS				24.29	0.83
Other Costs					
Land Charge (share rent)				80.32	2.75
General Farm Overhead				8.61	0.29
Management Charge (10.0% of TC-land)				9.62	0.33
TOTAL OTHER COSTS				98.55	3.38
TOTAL OF ABOVE COSTS				186.15	6.37
Return to Risk				9.49	0.33

1/ 11.2% double cropped.

COST OF PRODUCTION, WINTER WHEAT 1/ KENTUCKY - 1978

Item	Unit	Price or Cost per Unit	Quantity	Value or Cost per Acre	Cost per Unit of Production
Gross Receipts from Production					
Wheat	Bu.	3.150	31.000	97.65	
Straw	Ton	55.000	0.350	19.25	
TOTAL GROSS RECEIPTS				116.90	
Variable Costs					
Pre-Harvest					
Seed	Lbs.	0.045	114.100	5.13	0.17
Nitrogen	Lbs.	0.147	60.000	8.82	0.28
Phosphate	Lbs.	0.174	54.500	9.48	0.31
Potash	Lbs.	0.090	50.000	4.50	0.15
Fertilizer Application	Acre	2.450	0.200	0.49	0.02
Lime	Ton	10.200	0.420	4.28	0.14
Herbicide	Acre	0.850	1.000	0.85	0.03
Custom Planting w/Fert.	Acre	2.450	0.280	0.69	0.02
Custom Air Seed	Acre	2.250	0.040	0.09	0.00
Tractor Fuel & Lube	Acre			1.40	0.05
Tractor Repairs	Acre			0.90	0.03
Machine Fuel & Lube	Acre			1.62	0.05
Machine Repairs	Acre			1.67	0.05
Machinery Labor	Hours	2.960	2.187	6.47	0.21
Interest on Oper. Capital	Dollars	0.087	28.226	2.46	0.08
TOTAL PRE-HARVEST				48.85	1.58
Harvest					
Baler Twine - Wire	Bale	15.500	0.030	0.46	0.01
Custom Combine & Haul	Acre	11.620	0.140	1.63	0.05
Tractor Fuel & Lube	Acre			0.46	0.01
Tractor Repairs	Acre			0.27	0.01
Machine Fuel & Lube	Acre			1.32	0.04
Machine Repairs	Acre			2.45	0.08
Machinery Labor	Hours	2.960	1.404	4.16	0.13
Interest on Oper. Capital	Dollars	0.087	0.0	0.0	0.0
TOTAL HARVEST				10.75	0.35
TOTAL VARIABLE COSTS				59.60	1.92
Income Above Variable Costs				57.30	1.85
Ownership Costs (replacement, taxes, interest, ins.)					
Tractors				2.95	0.10
Machinery				19.84	0.64
TOTAL OWNERSHIP COSTS				22.79	0.74
Other Costs					
Land Charge (share rent)				28.78	0.93
General Farm Overhead				8.51	0.28
Management Charge (10.0% of TC-land)				9.10	0.29
TOTAL OTHER COSTS				46.49	1.50
TOTAL OF ABOVE COSTS				128.89	4.16
Return to Risk				-11.99	-0.39

1/Assumes 17% planted for other purposes; 35% of straw harvested.

PRICES PAID BY FARMERS FOR COMMODITIES USED IN PRODUCTION, KENTUCKY 1969, 1978 AND 1979

Commodity and Unit	Annual Average Price 1/		
	1969	1978	1979
		(Dollars)	
FEED:			
Laying mash, per ton	89.00	157.00	179.00
Mixed Dairy Feed, per ton, 16% protein	71.00	138.00	158.00
Mixed Hog Feed, per cwt.			
14 - 18% protein	4.60	8.40	9.50
38 - 42% protein 2/	6.20	12.80	14.30
Beef Cattle Supplement, per cwt.			
32 - 36% protein or over 3/	5.00	9.30	10.40
Bran, per cwt.	3.60	7.40	8.30
Middlings, per cwt.	3.70	7.30	8.10
Corn Meal, per cwt.	3.15	5.40	6.00
Soybean Meal, per cwt., 44% protein	5.30	11.60	12.90
Cottonseed Meal, per cwt., 41% protein	5.00	11.10	12.50
Molasses, per cwt. (liquid)	3.65	7.00	8.10
Stock Salt, per cwt.	2.00	4.85	5.30
Alfalfa Meal, per cwt.	3.90	7.60	8.70
MOTOR SUPPLIES, EQUIPMENT AND SERVICE:			
Gasoline, regular, per gallon, including taxes			
Service Station (unleaded starting 1978)	.347	.654	.868
Bulk Delivery (leaded)	.300	.604	.796
Diesel Fuel, per gallon	.194	.468	.666
Motor Oil, regular (non-detergent), per gallon	1.80	2.40	2.70
Motor Oil, heavy duty (detergent), per gallon	2.35	2.80	3.00
Motor Oil, all weather (high-detergent), per gallon	2.70	3.30	3.60
Grease, per 35-pound pail	8.00	16.30	18.80
Grease, per 14½-ounce cartridge	.39	.61	.68
Auto Tires, each			
Bias-belted, G78 x 15	24.30	40.90	43.00
Truck Tires, 7.00 x 15, 6 ply, each	-	46.00	48.80
Tractor Tires, rear, 18.4 x 34, 6 ply, each	120.00	235.00	245.00
Storage Batteries			
12 volts, 220 - 310 amps, each	22.70	35.60	42.40
12 volts, 315 - 500 amps, each	26.80	43.30	51.00
Spark Plugs, each	1.10	1.55	1.65
Antifreeze, permanent, per gallon	2.40	3.90	4.15
Oil Filter, spin-on type, each	3.70	4.10	4.30
Reline Brakes, (Ford, Chevrolet, Plymouth)	25.50	44.80	60.00
Motor Tune-up, (Ford, Chevrolet, Plymouth)			
Labor only	6.10	11.30	13.00

1/Annual Average Prices are straight rather than weighted averages.
2/29 percent protein and over prior to 1976.
3/30 percent protein and over prior to 1976.

PRICES PAID BY FARMERS FOR COMMODITIES USED IN PRODUCTION, UNITED STATES 1969, 1978 AND 1979

Commodity and Unit	Annual Average Price 1/		
	1969	1978	1979
		(Dollars)	
BUILDING MATERIALS:			
Lumber, per 1,000 board ft.			
2" x 4" Pine, standard and better	175.00	355.00	380.00
2" x 4" Fir, standard and better	195.00	395.00	430.00
Rough Boards, for farm fences and construction	180.00	400.00	455.00
Dressed Boards, 1 inch, S_4S standard and better or No. 2 and better	220.00	500.00	580.00
Asphalt Shingles, mineral surface, approx. 240 lbs. per square	9.80	23.50	26.30
Galvanized Steel Roofing 28-29 ga., per 100 sq. ft.	14.20	34.00	37.20
Insulating Sheathing, reg. den., 1/2", per 1,000 sq. ft.	78.00	125.00	-
Insulating Sheathing (asphalt treated), reg. den., 1/2", per 4' x 8' sheet	-	-	4.15
Plywood, C-D-X 1/2" (ext. glue) per 1,000 sq. ft.	-	345.00	-
Plywood, C-D-X 1/2" (ext. glue) per 4' x 8' sheet	-	-	10.90
Concrete Blocks, 8" x 8" x 16", per 100	29.50	61.00	68.00
Portland Cement, 94 lbs. net, each	1.75	4.05	4.60
Posts, Wood, farm line fence, each	1.00	2.25	2.65
House Paint, exterior, per gallon	7.20	12.50	13.50
FARM SUPPLIES:			
Plastic Tubing, 1 inch, I.D., per foot	.14	.21	.23
Barbed Wire, galvanized, 12-1/2 gauge:			
2 Point, per 80 rod spool	10.50	27.70	30.40
4 Point, per 80 rod spool	11.70	30.60	33.70
Field and Stock Fence, 6" stay wire sp., 12-1/2 Gauge:			
32 inches high, per 20 rod roll	25.10	60.00	67.00
39 inches high, per 20 rod roll	-	69.00	77.00
Posts, line fence, steel, each	1.20	2.35	2.60
Staples, fence, per pound	.21	.55	.59
Milk Pails, heavy tin-plated, 12 quart, each	-	5.20	5.60
Pitch Forks, 4 tine, each	6.20	12.40	13.90
Shovels, aluminum scoop, each	-	16.60	18.60
Nail Hammers, 16 oz. head, with handle, each	4.45	8.70	9.60
Adjustable End Wrench, 10 inch, each	4.00	7.60	8.40
Grease Gun, hand pressure, 1 pound capacity, each	4.65	7.10	7.70
Chain Saw, gasoline, 20 inch, each	185.00	260.00	270.00
Acetylene Welder Outfits, complete, each	-	180.00	190.00
Manila Rope, 1/2 inch, per 100 feet	-	18.80	19.90
Electric Cable, indoor, non-metallic sheathed, 2 Wire, per 100 feet	8.40	13.80	16.10
Nails, 8D, common, per pound	.19	.50	.54
Baler Twine, per 40 lb. bale	8.00	14.80	16.50

1/Annual Average Prices are straight rather than weighted averages.

PRICES PAID BY FARMERS FOR COMMODITIES USED IN PRODUCTION, UNITED STATES 1969, 1978 AND 1979

Commodity and Unit	Annual Average Price 1/		
	1969	1978	1979
		(Dollars)	
FARM MACHINERY:			
Tractors, wheel-type, each			
30 - 39 belt hp	3,900.00	7,700.00	8,500.00
50 - 59 belt hp	5,800.00	11,000.00	12,000.00
110 - 129 belt hp	-	25,000.00	28,000.00
Mowers, tractor drawn or mounted, 7 ft.	630.00	1,350.00	1,500.00
Plows, tractor drawn or mounted			
3 bottoms, one way	670.00	1,600.00	1,800.00
5 bottoms, one way	1,350.00	4,100.00	4,750.00
Planters, corn with fertilizer attachment			
4 row	1,350.00	4,800.00	5,100.00
Hay Rakes, side delivery traction	-	1,500.00	1,650.00
Tractor Manure Loaders, hydraulic	-	2,200.00	2,500.00
Farm Wagons, less tires and box	240.00	680.00	740.00
Manure Spreader, power driven			
90 - 140 bushel capacity	-	2,300.00	2,600.00
FERTILIZER AND PESTICIDE MATERIALS:			
Commercial Fertilizer, per ton			
5-10-15	44.50	100.00	115.00
5-20-20	65.00	130.00	150.00
6-12-12	46.90	105.00	120.00
10-10-10	59.00	110.00	125.00
Superphosphate, 46% P_2O_5, per ton	74.00	155.00	190.00
Nitrate of Soda, per ton	60.00	145.00	150.00
Ammonium Nitrate, per ton	61.00	140.00	145.00
Urea, 45 - 46% N, per ton	83.00	170.00	185.00
Muriate of Potash, 60% potash, per ton	46.50	98.00	115.00
Anhydrous Ammonia, per ton	74.00	170.00	185.00
Limestone, spread on field, per ton	5.40	10.50	11.50
Atrazine, 80% wettable powder, per 5 lb.	11.50	10.10	9.80
2, 4-D, per 5 gal.	18.50	37.50	38.50
Toxaphene, per 5 gal.	18.30	28.00	30.00
Parathion, per 5 gal.	25.40	53.00	56.00
Malathon, per 5 gal.	52.00	69.00	68.00

1/Annual Average Prices are straight rather than weighted averages.

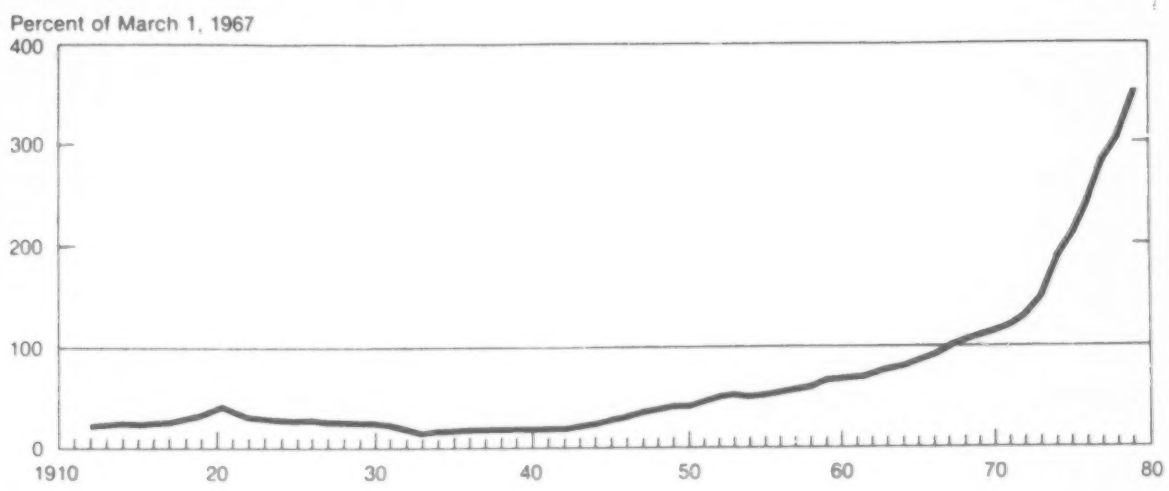
FARM PRODUCTION EXPENSES, KENTUCKY, 1954 - 1978

YEAR	FEED	LIVE-STOCK	SEED 1/	FERTI-LIZER LIME	REPAIRS AND OPERATION OF CAPITAL ITEMS 2/	HIRED LABOR 3/	MISCEL-LANEOUS 4/	TOTAL CURRENT FARM OPERATING EXPENSES 6/	DEPRECIATION AND OTHER CONSUMPTION OF FARM CAPITAL 5/	TAXES ON FARM PROPERTY	INTEREST ON FARM MORTGAGE DEBT	NET RENT TO NON-FARM LANDLORDS	TOTAL PRODUCTION EXPENSES 6/
						(Million Dollars)							
1954	47.5	17.6	9.5	32.7	58.1	33.6	33.5	232.6	71.2	14.2	7.1	10.4	335.5
1955	47.4	19.7	10.2	29.8	61.0	32.0	38.5	238.6	75.4	14.0	7.4	8.0	343.4
1956	50.5	22.9	7.7	30.8	65.6	33.4	40.0	250.8	77.6	14.2	7.9	10.4	360.9
1957	53.1	20.2	7.6	29.9	68.7	35.6	44.5	259.6	82.5	13.9	8.5	8.6	373.1
1958	55.2	23.4	7.0	30.2	69.7	36.9	48.8	271.2	85.8	14.0	9.1	9.6	389.7
1959	58.1	24.5	7.1	33.1	74.2	37.6	54.6	289.1	90.5	14.4	10.0	10.4	414.4
1960	54.9	21.3	7.9	31.2	72.0	41.0	58.3	286.7	93.6	14.2	11.1	12.6	418.1
1961	57.8	22.2	7.9	32.5	74.0	43.9	61.7	299.9	96.3	14.7	12.2	20.0	443.1
1962	61.8	26.2	9.2	37.8	75.3	46.7	66.2	323.2	102.5	15.2	13.5	25.2	479.7
1963	68.8	27.0	10.9	40.3	76.0	56.7	71.4	351.1	108.5	15.5	15.1	36.2	526.5
1964	65.9	21.9	10.4	43.4	75.1	55.6	77.5	349.7	112.2	15.4	17.0	34.1	528.4
1965	66.6	24.9	10.7	42.3	76.9	56.1	80.5	358.0	119.9	15.8	21.7	40.3	555.6
1966	74.5	28.5	10.8	48.1	83.2	70.8	82.8	398.6	130.5	19.5	23.9	41.2	613.7
1967	76.2	26.5	10.9	49.2	90.1	72.7	91.5	417.3	142.7	21.2	27.0	45.2	653.3
1968	74.7	33.5	11.6	47.1	90.0	65.0	93.2	415.1	152.8	22.3	30.8	47.4	668.5
1969	82.6	37.7	11.6	50.1	94.0	60.0	97.7	433.7	164.0	22.8	34.3	52.8	707.7
1970	92.8	40.5	12.3	48.3	94.8	64.0	104.7	457.4	165.6	24.1	37.1	50.3	734.5
1971	90.5	44.2	18.3	54.9	100.8	65.4	110.4	484.3	195.0	24.5	40.0	55.8	799.8
1972	95.2	53.7	17.2	54.8	99.3	68.6	121.3	510.1	197.2	25.7	44.6	72.2	849.7
1973	150.4	62.8	28.7	67.6	107.4	77.9	136.5	631.4	213.5	26.9	52.5	80.0	1,004.2
1974	167.5	41.0	34.5	111.6	132.5	103.7	167.6	758.8	253.3	29.3	64.6	116.3	1,222.3
1975	134.6	32.4	35.1	121.2	157.5	77.2	199.0	757.0	302.5	32.6	76.1	87.8	1,256.0
1976	160.0	36.2	39.1	124.1	175.6	105.7	212.8	853.5	334.6	33.7	89.0	106.4	1,417.1
1977	152.2	36.3	50.1	136.8	219.4	113.6	229.4	937.6	368.5	35.8	98.1	102.3	1,542.4
1978	171.5	30.2	54.0	134.2	235.3	142.5	260.5	1,028.2	410.5	38.5	119.7	118.6	1,715.5

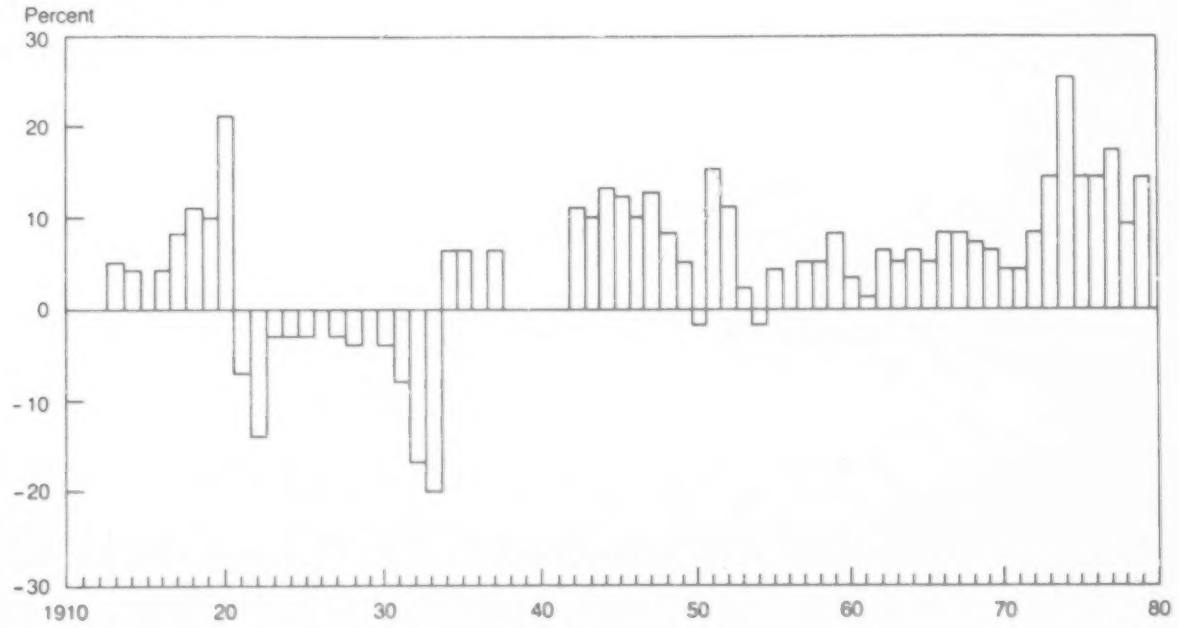
1/ Includes bulbs, plants and trees. 2/ Repairs and maintenance of buildings, repairs and operation of motor vehicles and other machinery, and petroleum fuel and oil used in the farm business. 3/ Includes cash wages, perquisites and Social Security taxes paid by employer. 4/ Includes interest on non-real estate debt, pesticides, ginning, electricity and telephones (business share), livestock marketing service (excluding feed and transportation), containers, milk hauling, irrigation, grazing, binding materials, horses and mules harness and saddlery, blacksmithing and hardware, veterinary services and medicines, net insurance premiums (crop, fire, wind, and hail) and miscellaneous dairy, nursery, greenhouse, apiary, and other supplies. 5/ Includes depreciation and accidental damage to farm buildings and depreciation of motor vehicles and other farm machinery and equipment. 6/ Details may not add to total because of rounding.

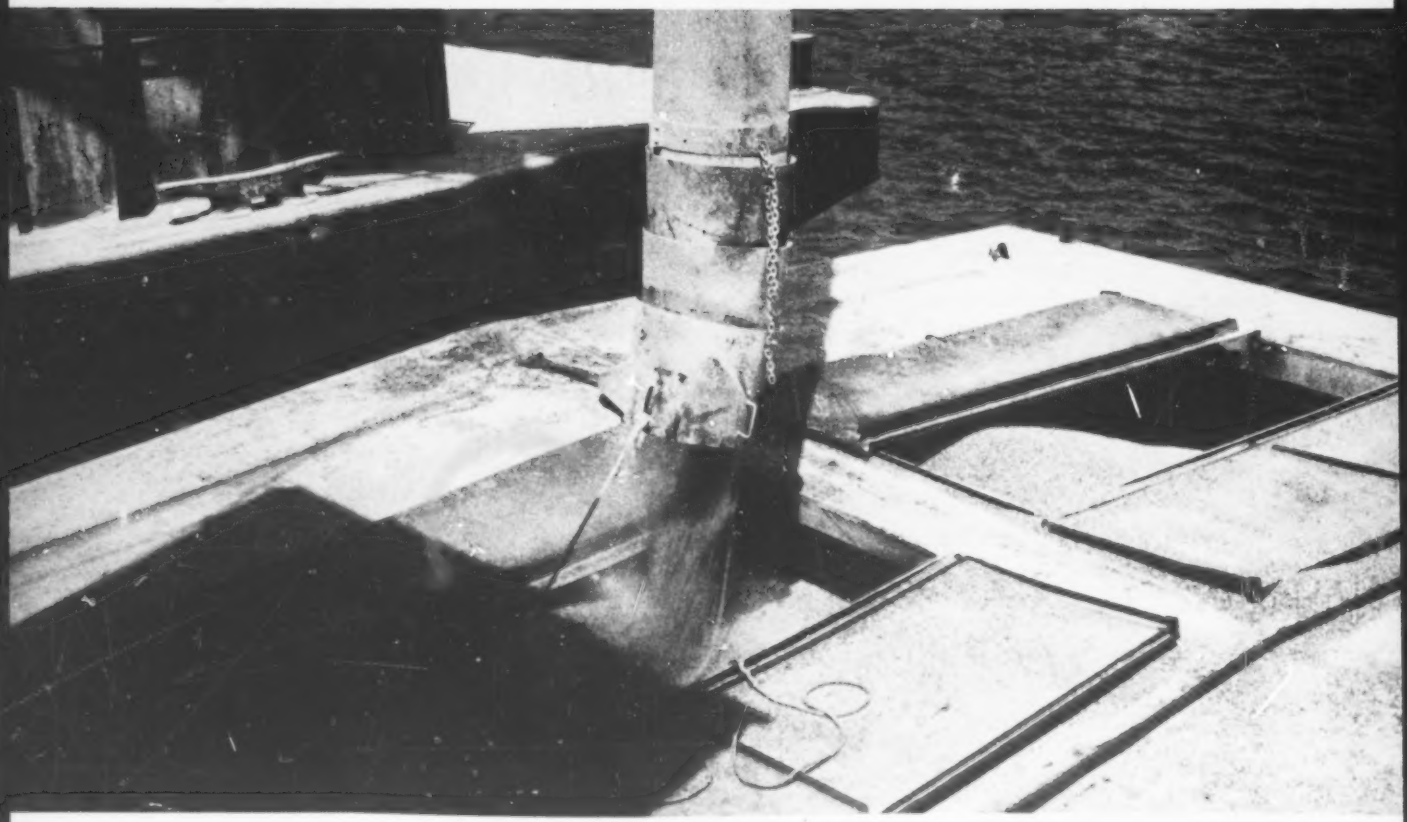
COST OF FARMLAND, U.S., 1910 - 1980

CHANGE IN VALUE PER ACRE



CHANGE IN VALUE FROM PREVIOUS YEAR





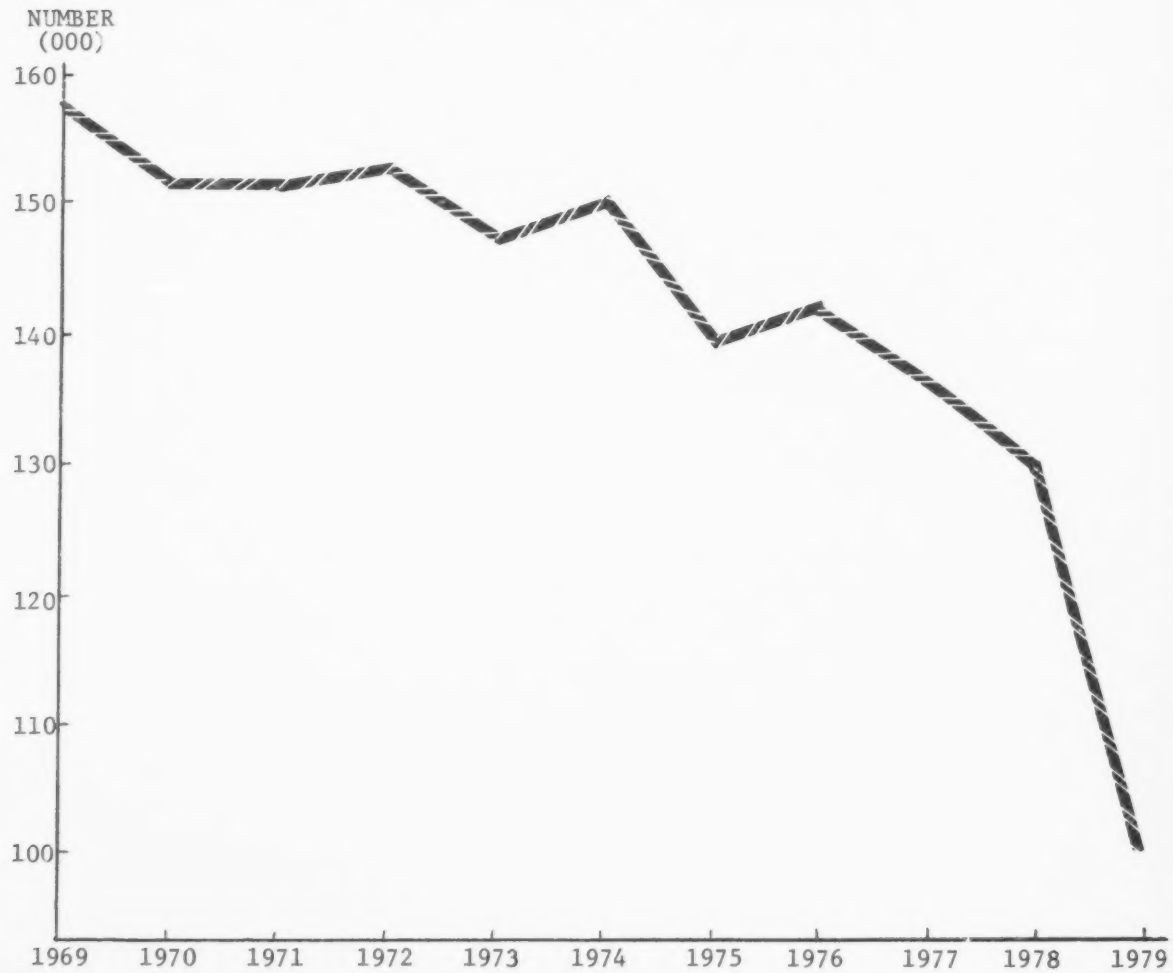
MISCELLANEOUS

KENTUCKY FARM LABOR

The number of farm workers in Kentucky has decreased steadily through the years (see graph). In 1979 the average farm labor force, at 100,000, decreased 24 percent. This is the largest drop on record. The number of farm operators and their family members doing farm work during 1979 decreased 19 percent from a year earlier. The all hired workers category, at 21,000, decreased 26 percent.

Farm wages for all hired farm workers increased 10 percent in 1979 to $3.02. Cash wages (excluding payments for housing, room and board, meals, or other perquisites) increased 12 percent to $3.09 per hour.

KENTUCKY FARM WORKERS, 1969 - 1979



KENTUCKY FARM LABOR AND WAGE RATES, BY QUARTER, 1978 - 1980

QUARTER	NUMBER OF WORKERS			WEEKLY HOURS PER WORKER			WAGE RATES	
	Total	Family 1/	Hired Workers 2/	Farm Operators	Other Unpaid Family Workers	Hired Workers 2/	Hired Workers 2/	By Cash Wage Only 3/
	(Thousands)			(Hours)			(Dollars)	
1978								
January	98	81	17	24.3	31.2	25.2	2.53	2.56
April	115	91	24	31.6	27.8	27.6	2.81	2.97
July	163	118	45	30.7	27.2	28.2	2.85	2.75
October	145	101	44	37.4	38.8	36.3	2.80	2.79
Average	131	98	33					
1979								
January	98	78	20	20.1	24.7	39.0	3.20	3.10
April	74	58	16	24.6	35.8	33.7	2.96	3.21
July	117	90	27	32.1	30.9	31.8	3.00	3.18
October	110	90	20	35.5	32.9	29.9	2.90	2.90
Average	100	79	21					
1980								
January	90	76	14	25.7	27.3	34.3	2.88	2.96
April	90	68	22	24.6	35.8	33.7	3.08	3.22

1/Includes farm operators doing any farm work and unpaid family members working 15 hours or more during the survey week. 2/Includes all persons doing one or more hours of farm work for pay during the survey week. 3/Includes all workers not receiving perquisites.

One of several tobacco jobs requiring large amount of labor.

FARM NUMBER HIGHLIGHTS

The number of farms in Kentucky with annual sales of agricultural products of $1,000 or more continued to decline in 1979 to 96,000, down from 99,000 in 1978. The preliminary estimate for 1980 indicates a 2 percent drop to 94,000 farms. Rising production costs and less available farm labor have been contributing factors to the annual declines. Kentucky ranked eighth nationally in number of farms in 1979.

Total land in farms for 1979 was estimated at 14.4 million acres, 100,000 acres below the 1978 level. The average size farm increased from 146 acres in 1978 to 150 acres in 1979. The preliminary estimate for total farm land in 1980 is 14.3 million acres.

FARM NUMBER AND SIZE, KENTUCKY 1975–1980

YEAR	NUMBER OF ALL FARMS		LAND IN FARMS		AVERAGE SIZE OF FARMS	
	Old Definition 1/	New Definition 2/	Old Definition 1/	New Definition 2/	Old Definition 1/	New Definition 2/
	(Thousands)		(Thousand Acres)		(Acres)	
1975	120	107	15,600	14,700	130	137
1976	119	106	15,600	14,600	131	138
1977	118	103	15,500	14,500	131	141
1978	117	99	15,400	14,500	132	146
1979	4/	96	4/	14,400	4/	150
1980 3/	4/	94	4/	14,300	4/	152

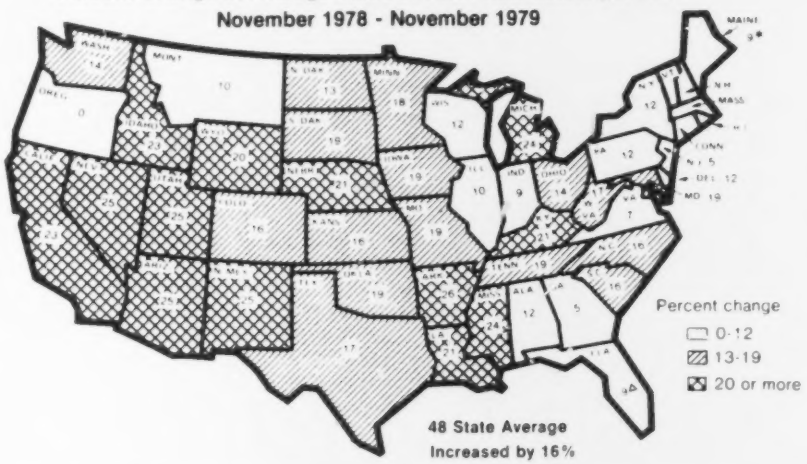
1/Places of 10 or more acres that had annual sales of agricultural products of $50 or more and places of less than 10 acres that had annual sales of $250 or more. 2/Places which had annual sales of agricultural products of $1,000 or more. Series initiated with 1975. 3/Preliminary. 4/Series discontinued.

FARM NUMBER AND SIZE, UNITED STATES 1978–1980

STATE	NUMBER OF ALL FARMS			LAND IN FARMS			AVERAGE SIZE OF FARMS		
	1978	1979	1980 1/	1978	1979	1980 1/	1978	1979	1980 1/
	(Thousands)			(Thousand Acres)			(Acres)		
KENTUCKY	99	96	94	14,500	14,400	14,300	146	150	152
Illinois	109	107	105	28,700	28,700	28,600	263	268	272
Indiana	90	89	88	16,900	16,900	16,900	188	190	192
Missouri	120	118	117	32,300	32,300	32,300	269	274	276
Ohio	98	97	96	16,400	16,300	16,200	167	168	169
Tennessee	96	94	92	13,800	13,700	13,600	144	146	148
W. Virginia	19.6	19.5	19.5	4,200	4,180	4,180	214	214	214
U. S.	2,370	2,333	2,309	1,052,018	1,049,063	1,046,713	444	450	453

1/Preliminary.

FARM REAL ESTATE


Percent Change in Average Value of Farm Real Estate per Acre
November 1978 - November 1979
Percent change
0-12
13-19
20 or more
48 State Average
Increased by 16%
Based on index numbers of average value per acre.
* Average increase for Maine, New Hampshire, Vermont, Massachusetts, Rhode Island and Connecticut.
Δ Average of the percentage change in Georgia and Alabama index values.

INDEXES OF AVERAGE VALUE PER ACRE KENTUCKY, SURROUNDING STATES, 48 STATES
MARCH 1, 1973-1975 & FEBRUARY 1, 1976-1980 1/

STATE	MAR 1973	MAR 1974	MAR 1975	FEB 1976	FEB 1977	FEB 1978	FEB 1979 2/	FEB 1980 3/
				(MARCH 1, 1967 = 100)				
Ohio	147	184	208	252	331	373	448	506
Indiana	131	161	200	244	321	361	415	477
Illinois	129	173	209	260	353	390	441	476
Virginia	171	223	250	278	302	327	386	421
West Virginia	211	275	317	398	417	426	498	548
North Carolina	164	200	216	232	246	253	299	323
KENTUCKY	153	182	203	239	281	317	374	415
Tennessee	167	206	236	251	275	307	338	375
48 States	150	187	213	242	283	308	351	404

1/ Includes improvements. 2/ Revised. 3/ Preliminary.

AVERAGE VALUE PER ACRE OF LAND & BUILDINGS AND CHANGE ABOVE
THE PREVIOUS YEAR, KENTUCKY, SURROUNDING STATES, 48 STATES
MARCH 1, 1975 AND FEBRUARY 1, 1977-1980

STATE	MAR 1, 1975		FEB 1, 1977		FEB 1, 1978		FEB 1, 1979 1/		FEB 1, 1980 2/	
	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg	Value	% Chg
Ohio	$ 706	13	$1,121	31	$1,263	13	$1,516	20	$1,713	13
Indiana	720	22	1,159	32	1,303	12	1,498	15	1,723	15
Illinois	846	18	1,431	36	1,581	10	1,786	13	1,929	8
Virginia	558	11	676	9	732	8	864	18	942	9
W. Virginia	300	15	394	5	403	2	472	17	519	10
N. Carolina	590	7	675	6	694	3	819	18	885	8
KENTUCKY	427	11	595	18	671	13	792	18	879	11
Tennessee	467	13	545	10	608	12	664	10	743	11
48 States	339	13	448	16	488	9	559	15	641	15

1/ Revised. 2/ Preliminary.

FARM REAL ESTATE

TOTAL VALUE OF LAND AND BUILDINGS, KENTUCKY AND SURROUNDING STATES, 48 STATES, FEBRUARY 1, 1977 - 1980

STATE	TOTAL LAND AND BUILDINGS				FARM BUILDINGS VALUE			
	1977	1978	1979 1/	1980 2/	1977	1978	1979 1/	1980 2/
	(Million Dollars)							
KENTUCKY	8,628	9,730	11,405	12,570	2,122	2,374	2,760	3,017
Virginia	6,692	7,174	8,381	9,137	1,512	1,607	1,861	2,010
W. Virginia	1,663	1,693	1,973	2,169	471	474	547	594
N. Carolina	8,370	8,606	10,074	10,886	2,059	2,100	2,438	2,613
Tennessee	7,576	8,390	9,165	10,105	1,659	1,821	1,970	2,152
Ohio	18,496	20,713	24,711	27,751	4,606	5,116	6,054	6,743
Illinois	41,213	45,375	51,258	55,169	7,130	7,759	8,663	9,213
Indiana	19,587	22,021	25,316	29,119	4,525	5,043	5,747	6,552
48 States	471,260	511,903	583,757	668,370	80,615	87,093	98,330	110,905

1/Revised. 2/Preliminary.

AVERAGE VALUE PER OPERATING UNIT, KENTUCKY AND SURROUNDING STATES, 48 STATES, FEBRUARY 1, 1976 - 1980

STATE	February 1 1976	February 1 1977	February 1 1978	February 1 1979 1/	February 1 1980 2/
			(Dollars)		
KENTUCKY	69,400	83,800	98,300	118,800	133,700
Virginia	102,700	111,500	119,600	142,100	152,300
W. Virginia	79,700	84,400	86,400	101,200	111,200
N. Carolina	76,700	82,900	86,100	101,800	111,100
Tennessee	69,300	77,300	87,400	97,500	109,800
Ohio	142,100	186,800	211,400	254,800	289,100
Illinois	269,100	371,300	416,300	479,000	525,400
Indiana	159,500	215,200	244,700	284,400	330,900
48 States	165,800	195,900	216,400	250,700	290,000

1/Revised. 2/Preliminary.

FARMS AND CROPLAND RENTED FOR CASH, GROSS CASH RENT PER ACRE AND RATIO OF RENT-TO-VALUE, KENTUCKY AND SURROUNDING STATES, MARCH 1, 1978 - 1980

STATE	FARMS						CROPLAND					
	Rent Per Acre			Ratio Of Rent			Rent Per Acre			Ratio Of Rent		
	1978	1979 1/	1980 2/	1978	1979 1/	1980 2/	1978	1979 1/	1980 2/	1978	1979 1/	1980 2/
	(Dollars)			(Percent)			(Dollars)			(Percent)		
KENTUCKY 3/	38.00	40.10	45.80	5.4	4.7	4.8	50.00	51.90	57.40	6.0	5.0	4.8
Virginia	28.70	26.00	27.80	4.2	3.6	3.3	36.00	33.20	37.10	4.4	3.6	3.5
N. Carolina	28.50	34.40	32.90	4.1	4.5	3.8	34.50	37.10	38.40	4.3	4.1	3.9
Tennessee	36.60	37.00	41.00	5.5	4.9	4.8	43.10	47.10	51.00	5.9	5.5	5.4
Ohio	59.60	69.00	72.00	4.6	4.1	4.0	68.00	76.80	81.80	4.6	4.2	4.1
Illinois	85.00	92.00	99.00	4.4	4.3	4.3	93.00	99.00	107.00	4.5	4.3	4.3
Indiana	80.10	85.00	94.00	5.6	5.2	4.9	86.00	91.70	101.90	5.6	5.3	5.0
Missouri	40.00	44.30	50.50	6.3	5.9	5.8	50.90	57.80	66.70	6.7	6.5	6.1

1/Revised. 2/Preliminary. 3/Omits Crop District 4. Sample size is too small to be representative of the District.

FERTILIZER HIGHLIGHTS

Total consumption of commercial fertilizer in Kentucky for the year ending June 30, 1979 totaled 1,015,920 tons, slightly above 1978. Of the total amount applied, 538,826 tons were mixtures and 477,094 tons were applied directly as primary and secondary nutrients. Total nitrogen applied as a mixture and material was 157,341 tons, down 6 percent from 1978. Total phosphate applied was 140,810 tons, 6 percent above 1978. Potash applied totaled 166,930 tons, up 6 percent from 1978.

According to the Kentucky Division of Regulatory Services, the largest gainer among nitrogen materials was ammonium nitrate for calendar year 1979. Anhydrous ammonia showed the largest decline for nitrogen materials. Muriate of Potash was by far the leading potash material applied. Most all phosphate material was applied as superphosphate or triple superphosphate. The three leading mixed fertilizers were 18-46-0, 5-10-15 and 10-10-10, respectively.

FERTILIZER USE IN KENTUCKY 1960 - 1979

Year Ended June 30	KIND OF FERTILIZER				PRIMARY NUTRIENTS		
	Mixed Fertilizer	Primary Nutrient Materials	Secondary & Micro-Nutrients	Total Fertilizer	N	Available P_2O_5	K_2O
			(Tons)				
1960	462,000	107,276	111	569,387	44,517	66,374	67,116
1965	520,716	150,829	377	671,922	67,050	78,835	86,415
1966	546,895	183,681	639	731,215	79,850	85,914	95,977
1967	538,865	204,422	528	743,815	87,571	87,246	95,702
1968	532,547	210,028	357	742,932	88,297	86,792	97,502
1969	543,060	268,341	256	811,657	108,046	97,933	108,801
1970	476,522	287,306	208	764,036	101,458	90,358	110,405
1971	542,039	287,499	257	829,795	113,751	104,377	116,051
1972	514,088	293,696	347	808,131	108,923	104,730	115,400
1973	544,588	300,081	390	845,059	113,302	112,156	122,848
1974	605,857	342,366	586	948,809	128,813	112,433	134,410
1975	570,613	309,958	386	880,957	124,782	104,459	117,006
1976	609,028	402,333	4,389	1,015,750	152,172	130,792	148,337
1977	634,078	497,111	3,146	1,134,335	182,772	150,456	169,690
1978	537,981	474,901	1,649	1,014,531	167,099	132,950	158,032
1979 1/	538,826	474,670	2,424	1,015,920	157,341	140,810	166,930

1/ 1979 Preliminary.

FERTILIZER MATERIALS SOLD IN KENTUCKY 1978 AND 1979 1/

MATERIALS	January - June		July - December		Total		1979/1978 Compared + or -
	1978	1979	1978	1979	1978	1979	
	(Tons)		(Tons)		(Tons)		(Tons)
Nitrate of Soda	1,029	718	303	238	1,332	956	- 376
Ammonium Sulfate	634	672	159	493	793	1,165	+ 372
Nitrogen Solutions	33,584	34,952	14,961	14,849	48,545	49,801	+ 1,256
Ammonium Nitrate	88,003	103,491	23,124	32,872	111,127	136,363	+ 25,236
Anhydrous Ammonia	39,861	29,266	4,747	9,016	44,608	38,282	- 6,326
Urea	36,925	32,688	5,003	5,533	41,928	38,221	- 3,707
TOTAL NITROGEN MATERIAL	200,036	201,787	48,297	63,001	248,333	264,788	+ 16,455
TOTAL PHOSPHATE MATERIAL 2/	32,868	36,345	21,882	21,107	54,750	57,452	+ 2,702
Sulfate of Potash - Magnesia	1,377	1,473	912	692	2,289	2,165	- 124
Sulfate of Potash	9,449	10,279	6,067	2,746	15,516	13,025	- 2,491
Muriate of Potash	99,207	101,957	42,207	48,934	141,414	150,891	+ 9,477
TOTAL POTASH MATERIAL	110,033	113,709	49,186	52,372	159,219	166,081	+ 6,862
Miscellaneous Materials	1,998	1,437	1,006	835	3,004	2,272	- 732
TOTAL MATERIALS	344,935	353,278	120,371	137,315	465,306	490,593	+ 25,287
TOTAL MIXED	459,782	440,582	98,898	111,626	558,680	552,208	- 6,472
MISCELLANEOUS FERTILIZER 3/	5,814	5,850	2,627	2,382	8,441	8,232	- 209
TOTAL TONS SOLD	810,531	799,710	221,896	251,323	1,032,427	1,051,033	+ 18,606

1/Data collected by Division of Regulatory Services, Agricultural Experiment Station, Lexington, Kentucky. Fertilizer sold as straight materials and miscellaneous products based on tonnage reports from manufacturers. 2/Includes superphosphate and triple superphosphate. 3/Includes minor nutrients, filler when reported separately, and other fertilizers of unspecified composition.

FERTILIZER USE BY KINDS, YEARS ENDED JUNE 30, 1978 AND 1979

STATE	MIXTURES 1/		DIRECT APPLICATION MATERIALS 1/ 2/				TOTAL FERTILIZER		1979 As Percent Of 1978
			Primary Nutrient		Second And Micro-Nutrient				
	1978	1979	1978	1979	1978	1979	1978	1979	
	(Tons)		(Tons)		(Tons)		(Tons)		(Percent)
Illinois	1,229,439	1,455,968	2,378,459	2,761,740	194	251	3,608,092	4,217,959	117
Indiana	1,413,031	1,509,264	1,378,230	1,363,787	324	691	2,791,585	2,873,742	103
KENTUCKY	537,981	538,826	474,901	474,670	1,649	2,424	1,014,531	1,015,920	100
Missouri	1,116,126	1,370,074	329,004	388,089	82	376	1,445,212	1,758,539	122
Ohio	962,674	1,040,960	1,005,487	1,182,929	2,784	5,340	1,970,945	2,229,229	113
Tennessee	449,873	435,262	346,900	345,171	1,201	1,121	797,974	781,554	98
Virginia	578,318	578,294	190,017	194,725	20,898	27,855	789,233	800,874	101
West Virginia	38,261	27,580	27,150	33,120	28	34	65,439	60,734	93
UNITED STATES 3/	22,109,936	23,638,856	23,511,183	25,312,870	1,876,641	2,079,623	47,497,760	51,031,349	107

1/Excludes liming materials.

2/Excludes materials used in commercial mixtures.

3/Includes Puerto Rico.

KENTUCKY FERTILIZER USE, MIXED GRADES 1978 AND 1979 1/

GRADE	JANUARY - JUNE		JULY - DECEMBER		TOTAL		1979/1978 Comparison + or -
	1978	1979	1978	1979	1978	1979	
	(Tons)		(Tons)		(Tons)		(Tons)
10 - 10 - 10	75,317	72,677	11,622	14,380	86,939	87,057	+ 118
5 - 10 - 15	89,531	78,830	8,775	12,942	98,306	91,772	- 6,534
5 - 20 - 20	26,393	24,276	5,481	5,281	31,874	29,557	- 2,317
6 - 24 - 24	30,157	28,188	4,787	8,196	34,944	36,384	+ 1,440
6 - 12 - 12	7,619	5,759	678	980	8,297	6,739	- 1,558
18 - 46 - 0	75,542	77,645	31,383	35,976	106,925	113,621	+ 6,696
6 - 12 - 18	6,381	5,553	336	303	6,717	5,856	- 861
15 - 15 - 15	15,833	16,741	1,255	1,461	17,088	18,202	+ 1,114
12 - 12 - 12	4,474	4,912	652	876	5,126	5,788	+ 662
0 - 20 - 20	3,013	3,001	648	586	3,661	3,587	- 74
4 - 16 - 4	3,396	2,793	1,268	398	4,664	3,191	- 1,473
10 - 20 - 20	1,583	1,676	1,368	1,744	2,951	3,420	+ 469
10 - 10 - 20	3,409	2,972	298	440	3,707	3,412	- 295
5 - 10 - 10	3/	1,222	198	114	198	1,336	+ 1,138
12 - 24 - 24	2,076	1,718	249	247	2,325	1,965	- 360
Other Grades	61,775	60,960	18,916	13,306	80,691	74,266	- 6,425
Miscellaneous 2/	53,283	51,659	10,984	14,396	64,267	66,055	+ 1,788
TOTAL MIXED FERTILIZER	459,782	440,582	98,898	111,626	558,680	552,208	- 6,472

1/Data collected by Division of Regulatory Services, Agricultural Experiment Station, Lexington, Kentucky. Mixed fertilizer sales by grades based on tonnage reports by manufacturers.
2/Grades registered by fewer than three companies and miscellaneous grades with low tonnage.
3/Not reported individually.

AGRICULTURAL EXPORTS

The value of Kentucky's agricultural commodities exported during the year ending September 30, 1979 increased 11 percent from the previous fiscal year. The value of Kentucky agricultural commodities exported for the year ending September 30, 1979 totaled $547.1 million. This compares with $491.6 million exported during the same period a year earlier.

Value of United States agricultural commodities exported for the year ending September 30, 1979 totaled $32.0 billion and was a valuable plus in the U. S. balance of payments. A year ago agricultural products were valued at $27.3 billion.

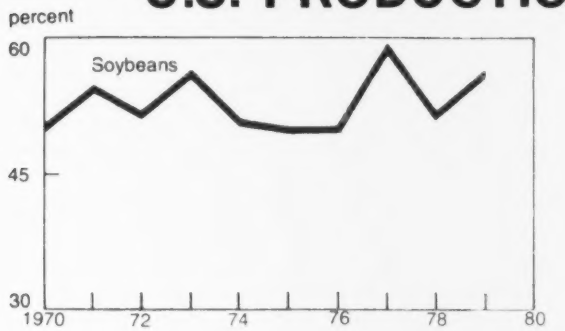
Kentucky ranks second, behind only North Carolina, in revenues from the export of tobacco. Kentucky garnered $162.9 million from the export of this product, up 16 percent from the previous year, with most of it from burley. Tobacco did not, however, yield the largest export dollar value to the Kentucky agricultural community. Exports of Kentucky soybeans and soybean products accounted for $172.5 million, also up 16 percent from the previous fiscal year.

AGRICULTURAL EXPORTS KENTUCKY AND U.S., 1978 AND 1979 1/

COMMODITY	KENTUCKY		UNITED STATES	
	1978	1979	1978	1979
	(Million Dollars)			
Soybeans and products	148.9	172.5	6,410.9	7,515.0
Tobacco, unmanufactured	140.2	162.9	1,131.8	1,292.2
Feed Grains and products	107.6	101.1	5,983.1	7,026.1
Hides and Skins	12.2	20.0	823.6	1,302.7
Wheat and products	21.8	19.6	4,138.7	4,862.0
Meat and products	13.4	16.8	687.6	844.1
Lard and Tallow	11.6	14.5	573.8	704.8
Poultry products	1.1	1.0	331.7	368.1
Dairy products	.4	.6	155.8	116.1
Vegetables and preparations	.6	.3	648.9	756.2
Fruits and preparations	.3	.5	976.5	1,042.4
Other	33.5	37.3	5,443.8	6,153.1
ALL COMMODITIES	491.6	547.1	27,306.2	31,982.8

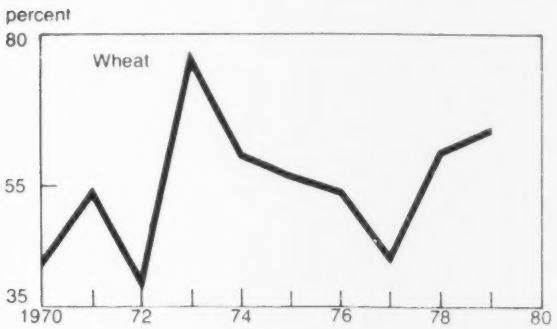
1/Fiscal year ending September 30.

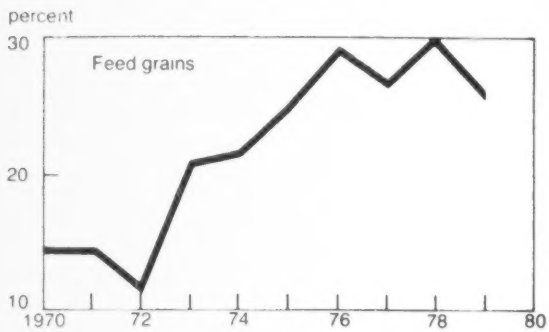
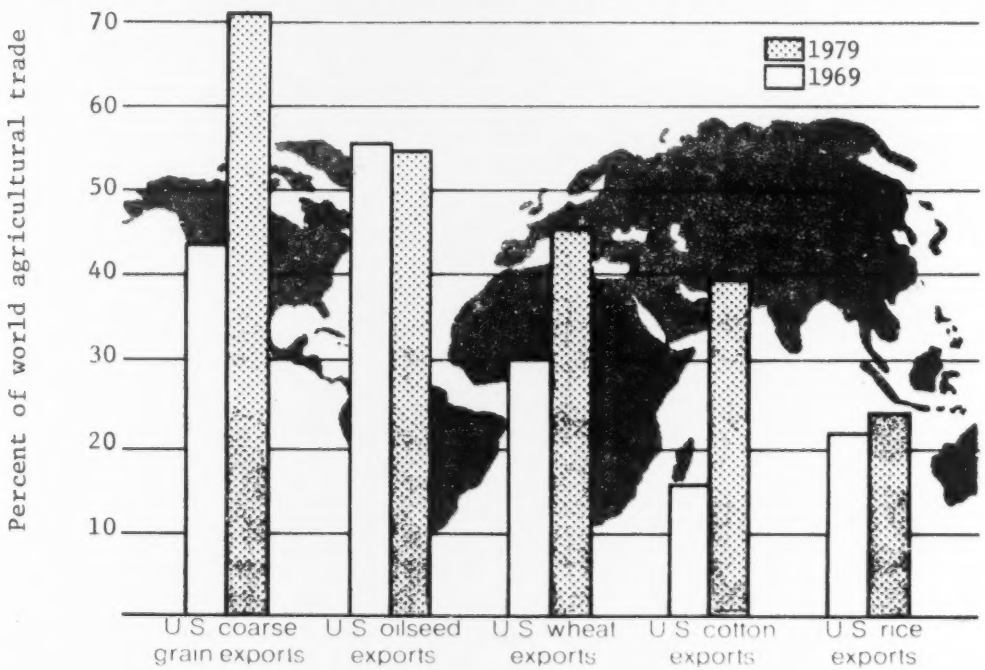
AGRICULTURAL EXPORTS AS A SHARE OF U.S. PRODUCTION, 1970-1979



About one-third of the U. S. crop harvest was exported in fiscal 1979. Crop area for export totaled 110 million acres, mainly acres in wheat, oilseeds and feedgrains. Exports accounted for 54 percent of cotton production and almost 50 percent of rice.

U. S. farmers also derived income from export markets for tobacco, sunflowers, almonds, prunes, citrus, dried beans, and many animal products.





U.S. FARMERS' SHARE OF WORLD TRADE-1979